

Cascading Style Sheets The Definitive Guide Class

With scores of practical recipes you can use in your projects right away, this cookbook helps you gain hands-on experience with HTML5 ' s versatile collection of elements. You get clear solutions for handling issues with everything from markup semantics, web forms, and audio and video elements to related technologies such as geolocation and rich JavaScript APIs. Each informative recipe includes sample code and a detailed discussion on why and how the solution works. Perfect for intermediate to advanced web and mobile web developers, this handy book lets you choose the HTML5 features that work for you—and helps you experiment with the rest. Test browsers for HTML5 support, and use techniques for applying unsupported features Discover how HTML5 makes web form implementation much simpler Overcome challenges for implementing native audio and video elements Learn techniques for using HTML5 with ARIA accessibility guidelines Explore examples that cover using geolocation data in your applications Draw images, use transparencies, add gradients and patterns, and more with Canvas Bring HTML5 features to life with a variety of advanced JavaScript APIs

CSS: The Definitive Guide, 3rd Edition, provides you with a comprehensive guide to CSS implementation, along with a thorough review of all aspects of CSS 2.1.

Updated to cover Internet Explorer 7, Microsoft's vastly improved browser, this new edition includes content on

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positioning, lists and generated content, table layout, user interface, paged media, and more. Simply put, Cascading Style Sheets (CSS) is a way to separate a document's structure from its presentation. The benefits of this can be quite profound: CSS allows a much richer document appearance than HTML and also saves time -- you can create or change the appearance of an entire document in just one place; and its compact file size makes web pages load quickly. CSS: The Definitive Guide, 3rd Edition, provides you with a comprehensive guide to CSS implementation, along with a thorough review of all aspects of CSS 2.1. Updated to cover Internet Explorer 7, Microsoft's vastly improved browser, this new edition includes content on positioning, lists and generated content, table layout, user interface, paged media, and more. Author Eric Meyer tackles the subject with passion, exploring in detail each individual CSS property and how it interacts with other properties. You'll not only learn how to avoid common mistakes in interpretation, you also will benefit from the depth and breadth of his experience and his clear and honest style. This is the complete sourcebook on CSS. The 3rd edition contains: Updates to reflect changes in the latest draft version of CSS 2.1 Browser notes updated to reflect changes between IE6 and IE7 Advanced selectors supported in IE7 and other major browsers included A new round of technical edits by a fresh set of editors Clarifications and corrected errata, including updated URLs of referenced online resources Isn't table layout something web designers want to avoid? Yes, but rather than use tables for layout, this

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book is about the ways that tables themselves are laid out by CSS, a process more complicated than it appears. This concise guide takes you on a deep dive into the concepts necessary for understanding CSS and tables in your web layout, including table formatting, cell alignment, and table width. Short and deep, this book is an excerpt from the upcoming fourth edition of CSS: The Definitive Guide. When you purchase either the print or the ebook edition of Table Layout in CSS, you ' ll receive a discount on the entire Definitive Guide once it ' s released. Why wait? Make your web pages come alive today. You ' ll explore: Formatting—learn how elements such as display values, anonymous objects, and table layers relate to each other when you assemble CSS tables Cell border appearance—understand two distinct approaches (the separated model and the collapsed model) that govern how (or if) borders merge Table sizing—determine table width by using either a fixed- or automatic-width layout, and learn how heights are calculated

While flowing text around images is certainly nothing new, with CSS you can float any element, from images to paragraphs to lists. In this practical guide, author Eric Meyer reveals some interesting—and surprising—ways to use CSS floats in your web design, including the latest capability to flow content past non-rectangular float shapes. Short and sweet, this book is an excerpt from the upcoming fourth edition of CSS: The Definitive Guide. When you purchase either the print or the ebook edition of CSS Floating, you ' ll receive a discount on the entire Definitive Guide once it ' s released. Why wait?

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Learn how to bring life to your web pages now. Learn the characteristics of floated elements, and CSS rules for using them Be aware of certain rule exceptions when applying floats to your design, including the use of negative margins Use the clear property to prevent floats from affecting elements in the next section of the document Create floating boxes in non-rectangular shapes, including rounded corners, circles, ellipses, and even polygons Define float shapes with transparent or opaque images

Design and Build Websites

The Zen of CSS Design

JavaScript

CSS Table Rendering in Detail

Core CSS

Interface Layout for the Web

As the industry standard method for enriching the presentation of HTML-based web pages, Cascading Style Sheets (CSS) allow you to give web pages more structure and a more sophisticated look. But first, you have to get past CSS theory and resolve real-world problems. For those all-too-common dilemmas that crop up with each project, CSS Cookbook provides hundreds of practical examples with CSS code recipes that you can use immediately to format your web pages. Arranged in a quick-lookup format for easy reference, the second edition has been updated to explain the unique behavior of the latest browsers: Microsoft's IE 7 and Mozilla's Firefox 1.5. Also, the book has been expanded to cover the

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interaction of CSS and images and now includes more recipes for beginning CSS users. The explanation that accompanies each recipe enables you to customize the formatting for your specific needs. With topics that range from basic web typography and page layout to techniques for formatting lists, forms, and tables, this book is a must-have companion, regardless of your experience with Cascading Style Sheets.

A comprehensive, updated manual for creating cross-platform Web applications includes the latest information on Web specifications, as well as references for HTML tags, CSS2 style attributes, DOM Level 2, browser document objects, core JavaScript 1.5 objects, and the latest versions of Netscape Navigator and Internet Explorer. Original. (Intermediate) Summary CSS in Depth exposes you to a world of CSS techniques that range from clever to mind-blowing. This instantly useful book is packed with creative examples and powerful best practices that will sharpen your technical skills and inspire your sense of design. Foreword by Chris Coyier, Cofounder of CodePen. Dig even deeper into the secrets of CSS with our video course CSS in Depth in Motion, available exclusively at Manning.com (www.manning.com/livevideo/css-in-depth-in-motion)! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Some websites really pop. They look great, they're visually consistent, and

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they feel interactive and responsive. You can bet their developers knew CSS in depth. CSS specifies everything from the structural layout of page elements to their individual look and feel. True masters know the patterns of CSS development, the techniques to implement them, and the subtle touches that result in beautiful typography, fluid transitions, and balanced graphics. Join them! About the Book CSS in Depth exposes you to a world of CSS techniques that range from clever to mind-blowing. This instantly useful book is packed with creative examples and powerful best practices that will sharpen your technical skills and inspire your sense of design. You'll gain new insights into familiar features like floats and units, and experiment with emerging ideas like responsive design and pattern libraries. Bottom line: this book will make you a better web designer and your apps will look fantastic! What's Inside Avoid common CSS pitfalls Master misunderstood concepts Use flexbox and grid layout Responsive designs for any device Code for reuse and maintainability About the Reader Written for web developers who know the basics of CSS and HTML. About the Author Keith J. Grant is a senior web developer who builds and maintains web applications and websites, including The New York Stock Exchange site. Table of Contents PART 1 – REVIEWING THE FUNDAMENTALS Cascade, specificity, and inheritance Working with relative units Mastering the box model

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PART 2 - MASTERING LAYOUT Making sense of floats Flexbox Grid layout Positioning and stacking contexts Responsive design
PART 3 - CSS AT SCALE Modular CSS Pattern libraries
PART 4 - ADVANCED TOPICS Backgrounds, shadows, and blend modes Contrast, color, and spacing Typography Transitions Transforms Animations

Nearly everything you do with CSS involves units for determining the look and formatting of your web page elements. With this concise guide, you'll learn how to work with an array of units—including measurements and keywords—that help you define color, text, distance between elements, location of external files, and other values. This book contains chapters from the upcoming fourth edition of *CSS: The Definitive Guide*. When you purchase either the print or the ebook edition of *Values, Units, and Colors*, you'll receive a significant discount on the entire *Definitive Guide* when it's released. Why wait when you can learn how to use units and other key CSS3 features right away? Use RGB or HSL values to mix your own colors, and designate the degree of opacity Learn how to apply global keywords introduced in CSS3 Use string values to wrap a sequence of text characters in quotes Describe margins, letter spacing, and other properties, with either fixed or relative length units Understand how number, integer, and percentage values differ Explore CSS3 unit types for describing display resolution Use time values for transitions

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and animations

The Definitive Guide to HTML5

Designing with Web Standards

Eric Meyer on CSS

Beginning CSS

Layout Fundamentals in CSS

A Comprehensive Resource for HTML, CSS, DOM & JavaScript

One of very few CSS books that focuses on teaching advanced-level CSS techniques CSS is a huge market—every web designer needs to know CSS to succeed in the modern web design marketplace Part of the "Solutions" series, and a follow-up from the best-selling Dan Cederholm book, *Web Standards Solutions* (ISBN 1590593812)

The Definitive Guide to HTML5 provides the breadth of information you'll need to start creating the next generation of HTML5 websites. It covers all the base knowledge required for standards-compliant, semantic, modern website creation. It also covers the full HTML5 ecosystem and the associated APIs that complement the core HTML5 language. The Definitive Guide to HTML5 begins by tackling the basics of HTML5, ensuring that you know best practices and key uses of all of the important elements, including those new to HTML5. This section also covers extended usage of CSS3, JavaScript, and DOM manipulation, making you proficient in all core aspects of modern website creation. The final part of the book covers the associated W3C APIs that surround the HTML5 specification. You will achieve a thorough working knowledge of the Geolocation API, web storage, creating offline applications, and the new drag and drop functionality. The Definitive Guide to HTML5 also dives into the key media enhancements of HTML5 and its surrounding technologies: Canvas, video and audio. A guide for experienced programmers demonstrates the core JavaScript language, offers examples of common tasks, and

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contains an extensive reference to JavaScript commands, objects, methods, and properties.

Packed with information on the latest Web specifications--including XHTML, CSS, DOM, and JavaScript--this new edition teaches how to master the Ajax approach to Web application development.

CSS Mastery

Professional Techniques for Modern Layout

Designing for the Web

CSS and Documents

CSS

Basic Visual Formatting in CSS

HTML and CSS are the workhorses of web design, and using them together to build consistent, reliable web pages requires both skill and knowledge. The task is more difficult if you're relying on outdated, confusing, and unnecessary HTML hacks and workarounds. Author Ben Henick shows you how to avoid those traps by going beyond the standard tips, tricks, and techniques to connect the underlying theory and design of HTML and CSS to your everyday work habits. With this practical book, you'll learn how to work with these tools far more effectively than is standard practice for most web developers. Whether you handcraft individual pages or build templates, HTML & CSS: The Good Parts will help you get the most out of these tools in all aspects of web page design--from layout to typography and to color. Structure HTML markup to maximize the power of CSS Implement complex multi-column layouts from scratch Improve site production values with advanced CSS techniques Support formal usability and accessibility requirements with tools built into HTML and CSS Avoid the most annoying browser and platform limitations

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Some aspects of the CSS formatting model may seem counterintuitive at first, but as you'll learn in this practical guide, the more you work with these features, the more they make sense. Author Eric Meyer gives you a good grounding in CSS visual rendering, from element box rules and concepts to the specifics of managing tricky layouts for block-level and inline elements. Short and sweet, this book is an excerpt from the upcoming fourth edition of *CSS: The Definitive Guide*. When you purchase either the print or the ebook edition of *Basic Visual Formatting in CSS*, you'll receive a discount on the entire *Definitive Guide* once it's released. Why wait? Learn how to bring life to your web pages now. Learn the details of element box types, including block, inline, inline-block, list-item, and run-in boxes Change the type of box an element generates, from inline to block, or list-item to inline Dive into the complexities of horizontal and vertical block-box formatting Explore key concepts of inline layout: anonymous text, em box, content area, leading, inline box, and line box Understand formatting differences between nonreplaced and replaced inline elements

Best-selling author, designer, and web standards evangelist Jeffrey Zeldman has revisited his classic, industry-shaking guidebook. Updated in collaboration with co-author Ethan Marcotte, this third edition covers improvements and challenges in the changing environment of standards-based design. Written in the same engaging and witty style, making even the most complex information easy to digest, *Designing with Web Standards* remains your essential guide to creating sites that load faster, reach more users, and cost less to design and maintain. Substantially revised—packed with new ideas How will HTML5, CSS3, and web fonts change your work?

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Learn new strategies for selling standards Change what "IE6 support" means "Occasionally (very occasionally) you come across an author who makes you think, "This guy is smart! And he makes me feel smarter, because now I finally understand this concept." " Steve Krug, author of Don't Make Me Think and Rocket Surgery Made Easy "A web designer without a copy of Designing with Web Standards is like a carpenter without a level. With this third edition, Zeldman continues to be the voice of clarity; explaining the complex in plain English for the rest of us." " Dan Cederholm, author, Bulletproof Web Design and Handcrafted CSS "Jeffrey Zeldman sits somewhere between "guru" and "god" in this industry"and manages to fold wisdom and wit into a tale about WHAT web standards are, HOW standards-based coding works, and WHY we should care." " Kelly Goto, author, Web ReDesign 2.0: Workflow that Works "Some books are meant to be read. Designing with Web Standards is even more: intended to be highlighted, dogeared, bookmarked, shared, passed around, and evangelized, it goes beyond reading to revolution." " Liz Danzico, Chair, MFA Interaction Design, School of Visual Arts

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. This handy resource gives you programming essentials at your fingertips, including all the new tags and features in CSS 2.0 The most authoritative quick reference available for CSS programmers. This handy resource gives you programming essentials at your fingertips, including all the new tags and features in CSS 2.0. You'll get concise information on designing and deploying complex style sheets as well as

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details on browser support.

Dynamic HTML

More Eric Meyer on CSS

Learning PHP & MySQL

HTML & CSS: The Good Parts

CSS Cookbook

The Definitive Reference

The Definitive Guide to HTML & CSS--Fully Updated
Written by a Web development expert, the fifth edition of this trusted resource has been thoroughly revised and reorganized to address HTML5, the revolutionary new Web standard. The book covers all the elements supported in today's Web browsers--from the standard (X)HTML tags to the archaic and proprietary tags that may be encountered. HTML & CSS: The Complete Reference, Fifth Edition contains full details on CSS 2.1 as well as every proprietary and emerging CSS3 property currently supported. Annotated examples of correct markup and style show you how to use all of these technologies to build impressive Web pages. Helpful appendixes cover the syntax of character entities, fonts, colors, and URLs. This comprehensive reference is an essential tool for professional Web developers. Master transitional HTML 4.01 and XHTML 1.0 markup Write emerging standards-based markup with HTML5 Enhance presentation with Cascading Style Sheets (CSS1 and CSS 2.1) Learn proprietary and emerging CSS3 features Learn how to read (X)HTML document type definitions (DTDs) Apply everything in an open standards-focused fashion
Thomas A. Powell is president of PINT, Inc. (pint.com),

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a nationally recognized Web agency. He developed the Web Publishing Certificate program for the University of California, San Diego Extension and is an instructor for the Computer Science Department at UCSD. He is the author of the previous bestselling editions of this book and Ajax: The Complete Reference, and co-author of JavaScript: The Complete Reference.

If you're a web designer or app developer interested in sophisticated page styling, improved accessibility, and saving time and effort, this book is for you. This revised edition provides a comprehensive guide to CSS implementation, along with a thorough review of the latest CSS specifications. CSS is a constantly evolving language for describing the presentation of web content on screen, printers, speech synthesizers, screen readers, and chat windows. It is used by all browsers on all screen sizes on all types of IoT devices, including phones, computers, video games, televisions, watches, kiosks, and auto consoles. Authors Eric Meyer and Estelle Weyl show you how to improve user experience, speed development, avoid potential bugs, and add life and depth to your applications through layout, transitions and animations, borders, backgrounds, text properties, and many other tools and techniques. This guide covers: Selectors, specificity, and the cascade Values, units, fonts, and text properties Padding, borders, outlines, and margins Colors, backgrounds, and gradients Floats and positioning tricks Flexible box layout The new Grid layout system 2D and 3D transforms, transitions, and animation Filters, blending, clipping, and masking

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Media and feature queries

In this book, the insiders who created the W3C Cascading Style Sheet standard show readers exactly how to use it, with up-to-date coverage of printing, positioning, scripting fonts and more.

CSS has come a long way since its early days, when it provided a bit of help to a mostly HTML-oriented world. Today, nearly any serious multi-page site relies on CSS to provide consistent and attractive interfaces that layer smoothly on top of an HTML foundation.

CSS: The Definitive Guide, 4th Edition provides experienced web developers with a comprehensive guide to CSS implementation, along with a thorough review of all aspects of CSS 3. Updated to cover

Internet Explorer 10, Microsoft's vastly improved browser, as well as Safari, Firefox, Chrome, and Opera, this new edition includes content on

transitions, animations, new selectors, paged media, and more. Updated for the latest in CSS3

specifications and browser support Explores the complex world of CSS transformations Demonstrates

new interface approaches built on CSS animations

Reconsiders layout possibilities with grid and flexible box possibilities

Floats and Float Shapes

Step-by-Step Guide to Creating Database-Driven Web Sites

HTML and CSS

Table Layout in CSS

Architecting CSS

Grid Layout in CSS

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CSS is the HTML 4.0-approved method for controlling visual presentation on Web pages. This guide offers a detailed review of CSS1 properties and how they interact and shows how to avoid common mistakes in interpretation. Instead of simply describing how things work in theory, this book covers CSS in a way that acknowledges and describes current browser support.

Demonstrates the control and flexibility Cascading Style Sheets bring to Web design, covering selectors and structure, units, text manipulation, colors, backgrounds, borders, visual formatting, and positioning.

Offers ten projects that describe how to incorporate CSS into a Web site, covering topics such as styling a photo collection, positioning in the background, CSS-driven drop-down menus, and weblogs.

A comprehensive guide that shows both beginning and expert Web developers all they need to know to achieve great results with the latest style sheet properties.

The Definitive Guide to Cascading Style Sheets:
Level 1

Mastering the Language of Web Design

Professional CSS

Visual Enlightenment for the Web

Advanced Web Standards Solutions

CSS Pocket Reference

PROFESSIONAL TECHNIQUES FOR MODERN LAYOUT

Smashing CSS takes you well beyond the basics,

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covering not only the finer points of layout and effects, but introduces you to the future with HTML5 and CSS3. Very few in the industry can show you the ins and outs of CSS like Eric Meyer and inside Smashing CSS Eric provides techniques that are thorough, utterly useful, and universally applicable in the real world. From choosing the right tools, to CSS effects and CSS3 techniques with jQuery, Smashing CSS is the practical guide to building modern web layouts. With Smashing CSS you will learn how to: Throw elements offscreen/hide them Create body/HTML backgrounds in XHTML Use more than 15 layout techniques including clearfix, two/three simple columns, faux columns, One True Layout, Holy Grail, em-based layout, fluid grids, sticky footers, and more Use a variety of CSS effects including CSS popups, boxpunching, rounded corners, CSS sprites, Sliding Doors, Liquid Bleach, ragged floats, and more Apply CSS table styling including using thead, tfoot, and tbody, row headers, column-oriented styling (classes); styling data tables with jQuery, tables to graphs, tables to maps; and more Use CSS3 elements including rounded corners, multiple backgrounds, RGBA, using jQuery to do CSS3 selections and so much more. Eric Meyer is an internationally recognized expert on the subjects of HTML, CSS, and Web standards, and has been working on the Web since 1993. Smashing CSS is

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for developers who already have some experience with CSS and JavaScript and are ready for more advanced techniques. Smashing Magazine (smashingmagazine.com) is one of the world's most popular web design sites. True to the Smashing mission, the Smashing Magazine book series delivers useful and innovative information to Web designers and developers.

A comprehensive guide and tutorial, this text provides insight and design advice. Cascading Style Sheets (CSS) is a simple language that borrows terminology from common desktop programs that Web designers will recognize

Provides information on creating imaginative Web site designs using CSS.

CSS has had a layout-shaped hole at its center since the beginning. Designers have bent features such as float and clear to help fill that hole, but nothing has quite done the job. Now that 's about to change. With this concise guide, you ' ll learn how to use CSS grid layout, a generalized system that lets you lay out pieces of your design independent of their document source order and with full awareness of the overall design. Short and deep, this book is an excerpt from the upcoming fourth edition of CSS: The Definitive Guide. When you purchase either the print or the ebook edition of Grid Layout in CSS, you ' ll receive a discount on the entire Definitive Guide once it ' s released. Why

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wait? Learn how to make your web pages come alive today. Explore the differences between grid boxes and block containers Create block-level grids, inline grids, and even nest grids inside grids Learn best practices for attaching elements to your layout, using explicitly defined grid lines or grid area Understand how the implicit grid automatically adjusts for oversized elements Create gutters between grid elements, and align and justify individual items Eric A. Meyer is an author, speaker, blogger, sometime teacher, and co-founder of An Event Apart. He ' s a two-decade veteran of the Web and web standards, a past member of the W3C ' s Cascading Style Sheets Working Group, and the author of O ' Reilly ' s CSS: The Definitive Guide.

CSS Floating

HTML5 Cookbook

Cascading Style Sheets

Smashing CSS

Selectors, Specificity, and the Cascade

Separating Content from Presentation

The CSS Pocket Reference introduces CSS and lists all CSS1 properties, plus the CSS1 pseudo-elements and pseudo-classes. To help overcome the obstacle of browser incompatibility, we've included a comprehensive guide to how the browsers have implemented support for CSS1.

When you're working with CSS and need a quick

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answer, *CSS Pocket Reference* delivers. This handy, concise book provides all of the essential information you need to implement CSS on the fly. Ideal for intermediate to advanced web designers and developers, the 4th edition is revised and updated for CSS3, the latest version of the Cascading Style Sheet specification. Along with a complete alphabetical reference to CSS3 selectors and properties, you'll also find a short introduction to the key concepts of CSS. Based on *Cascading Style Sheets: The Definitive Guide*, this reference is an easy-to-use cheatsheet of the CSS specifications you need for any task at hand. This book helps you: Quickly find and adapt the style elements you need Learn how CSS3 features complement and extend your CSS practices Discover new value types and new CSS selectors Implement drop shadows, multiple backgrounds, rounded corners, and border images Get new information about transforms and transitions Offers thirteen projects teaching the fundamental concepts behind CSS, covering topics such as tables, layouts, positioning, and presentation. Cascading Style Sheets (CSS) is a powerful tool that transforms the presentation of a document or a collection of documents, and it's spread to nearly every corner of the Web—as well as many non-web environments. In this free introduction to Cascade Style Sheets, you'll learn how CSS makes it

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possible for you to completely change the way document elements are presented by a user agent. You'll discover the origins of this specification and how CSS styles work with HTML. Learn how you can choose style sheets based on the features of a given media type, including desktop screens, web-enabled phones, digital projectors, TVs, Braille devices, print documents, and even various audio renderings of a document. CSS and Documents is an excerpt from the forthcoming 4th edition of CSS: The Definitive Guide.

CSS: The Definitive Guide

Better Ways to Build Websites That Work
How to Write Better HTML with Style Sheets
The Programmer's Guide to Effective Style Sheets

Dynamic HTML: The Definitive Reference
The Definitive Guide

Cascading style sheets (CSS) are the modern standard for website presentation. When combined with a structural markup language such as HTML, XHTML, or XML (though not limited to these), cascading style sheets provide Internet browsers with the information that enables them to present all the visual aspects of a web document.

Cascading style sheets apply things such as borders, spacing between paragraphs, headings or images, control of font faces or font colors, background colors and images, textual effects such as underlined or strike-through text, layering, positioning, and a number of other presentational effects. CSS controls

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the presentational aspects of a web page's design, whereas HTML, XHTML, or XML controls the structure of a web page, which means little more than determining that certain text is a heading, other text is a paragraph, still other text is a list of hyperlinks, and so on. CSS provides enhanced and precise visual rendering; markup languages such as HTML provide meaning and structure. Beginning CSS: Cascading Style Sheets for Web Design, Second Edition covers all the details required to combine CSS with HTML, XHTML, or XML to create rich, aesthetically powerful designs. Throughout the book, you'll focus on combining CSS with XHTML specifically because XHTML is the standard hailed by Internet standards bodies as the successor to HTML and the present and future of website design. CSS and XHTML allow a web document to be presented with less code, resulting in a significantly smaller file size and greatly increased ease of maintenance. CSS also enables the presentation of a web document to be centralized, which allows for the look and feel of an entire website to be written and centralized in one or a few simple documents, which makes updating a website a breeze. With only a few simple edits to a single document, the look and feel of an entire website can be completely changed. By using modern standards like CSS and XHTML, you can drastically reduce the cost of building and maintaining a website when compared to legacy HTML-only pages. You can also greatly reduce the amount

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of physical bandwidth and hard disk space required, resulting in immediate long-term benefits for any website. This book also discusses how to style XML documents with CSS—XML being a more advanced markup language with multipurpose applications. XML will play an increasingly larger role in the production of XHTML documents in the future. This second edition of *Beginning CSS* features a near-complete overhaul of the content from the first edition. Changes based on what readers had to say about the first edition helped to create the most comprehensive introduction on CSS available on the market. Throughout this book, you see CSS broken down into simple examples that focus on a single concept at a time. This allows you to better understand how and why something works, since you aren't presented with a lot of irrelevant code, and you can better see the bits and pieces that come together that make something work. While these examples may not be particularly pretty, they are extremely valuable learning tools that will help you master cascading style sheets. To enhance the learning experience, most of the source code examples are presented in syntax-colored code, a special feature in this book. Syntax coloring is a feature that you commonly see in fancy development software, such as Zend Studio (used to develop PHP), or Microsoft's Visual Studio (used to develop ASP, C#, and so on), and other software used by professional programmers every day. Syntax coloring is

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used in these software suites to make programming easier and more intuitive, and it offers tremendous benefits in teaching as well. It allows you to see what the different bits and pieces are in source code, since each of the different bits and pieces has a different coloring to identify its purpose. It helps you to distinguish the building blocks of code more easily, and if you use similar development software to write your CSS and HTML documents, you'll also find that you make fewer mistakes and typos, since syntax coloring also helps you to write code that is more bug free. Many of the source code examples feature annotations to highlight important, not-to-be-forgotten bits of information, and to visually point out concepts that are discussed in the surrounding text. This edition also features every screenshot from a browser in color, a first for Wrox. Presenting the browser screenshots in color makes it easier for you to compare your results with what you see in the book. This book also approaches CSS development from a browser-neutral point of view, and provides all the information that you need to get a good healthy start on professional cross-browser, cross-platform website design with IE 6, IE 7, Firefox 2, Opera 9, and Safari 2, which will allow you to reach over 99 percent of the web browsing public. You also see comprehensive coverage of bugs, and workarounds for the IE 6 and IE 7 web browsers. Long a thorn in the side of

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CSS developers, making CSS work in IE 6 can be quite a chore without detailed knowledge of its quirks and shortcomings. This book covers many of the hacks and nonstandard workarounds that you may need to develop compatible CSS content in IE 6. IE 7 features many great improvements to CSS support, and though they are much fewer than its predecessor, you still need a few tricks to make your web page shine in Microsoft's latest browser. It covers the workarounds that you'll need to make your pages work just as well in IE 7 as they do in all the other popular browsers. In addition, you'll find the quick reference in Appendix B updated to reflect all of IE 7's new CSS support. Along with better coverage of Internet Explorer, there's greatly improved coverage of Mac OS X browsers, Safari, Firefox, and Opera. You'll see that Mac browsers are equally represented among their Windows brethren. Whom Is This Book For? This book's primary audience is anyone seeking to learn how to use cascading style sheets to present web documents.

Because cascading style sheets are used to control the presentational layout of a web document, people from backgrounds in art, graphic design, or those who prepare print layouts for publishing will feel at home using CSS. Regardless of your background, CSS is a simple and powerful language designed so that anyone can understand and use it. To get the most out of this book, you need some experience with markup languages like HTML or

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XHTML. If you are completely new to website design and development, you should begin learning web programming with Jon Duckett's Beginning Web Programming with HTML, XHTML, and CSS. Jon Duckett's book provides a complete overview of website development and design for the complete beginner, whereas Beginning CSS: Cascading Style Sheets for Web Design, Second Edition focuses specifically on the role of CSS in website design. This book presents all of the material you need to become comfortable with writing CSS from scratch. What Does This Book Cover? This book covers portions of the CSS Level 1, 2, 2.1, and 3 specifications. These specifications are created by an independent, not-for-profit Internet standards organization called the World Wide Web Consortium (W3C) that plans and defines how Internet documents work. The majority of the book is written using what is defined in the CSS Level 2.1 specification. This book leads you through how to write CSS so that it is compatible with all of the most popular web browsers, focused on all of the following popular browsers: * Microsoft Internet Explorer 6 for Windows * Windows Internet Explorer 7 for Windows XP Service Pack 2, Windows Server 2003, Windows XP Professional 64 bit, and Windows Vista * Safari 2 for Mac OS X 10.4 (Tiger) * Mozilla Firefox 2 for Mac OS X, Windows, and Linux * Opera 9 for Mac OS X, Windows, and Linux The preceding browsers make up over 99 percent of the web browser market share at the time of

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this writing. For your convenience, this book also includes an integrated CSS feature reference throughout the book, as well as notes on browser compatibility. A CSS reference is also included in Appendix B. How This Book Is Structured: This book is divided into three parts. The following explains each of these three parts in detail, and what each chapter covers. Part I: The Basics:

Throughout Chapters 1 through 4 you learn the founding principles of CSS-based web design.

* Chapter 1, "Introducing Cascading Style Sheets": This chapter talks about what CSS is, why it exists, who created it, where it is maintained, and how it has evolved. It also discusses some of the basic differences among the various CSS specifications—CSS Level 1, CSS Level 2, CSS Level 2.1, and CSS Level 3—and how these specifications define what CSS is. You also learn more about each of the most popular browsers in use today, how to obtain them, and write your first CSS-enabled document. It also shows you how to install Internet Explorer 6 and Internet Explorer 7 side-by-side on the same computer for testing. * Chapter 2, "The Essentials": This chapter introduces the basics of CSS. Now that you have seen an example CSS document, this chapter introduces CSS rules and how selectors and declarations are combined to create rules. It demonstrates the various methods used to include CSS in a document. It explains how keywords are used in CSS to create predefined behavior, and how

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strings are used in CSS to refer to font names in a style sheet. It presents the various units of measurement that CSS supports. Finally, it talks about the different ways of specifying color. * Chapter 3, "Selectors": Chapter 2 introduced the concept of selectors. Chapter 3 talks about complex selectors, and how you apply style to a portion of a document based on its context within the document or user-initiated events. * Chapter 4, "The Cascade and Inheritance": In Chapter 4, you learn about how to override styles, how precedence works in a style sheet, and how some styles can be considered more important than others, concepts that come together to define the cascade in cascading style sheets. You also learn how once you set some styles in a document, those styles can be inherited to other parts of a document depending on the context in which they are applied. Part II: Properties: Throughout Chapters 5 through 12, you learn about properties that are used to manipulate the presentation of a document. * Chapter 5, "Text Manipulation": Chapter 5, presents the various properties that CSS provides for text manipulation. These properties provide effects such as controlling the amount of space between the letters of words, controlling the amount of space between the words of a paragraph, controlling text alignment, underlining, overlining, or strike-through text. It also shows how to control the case of text by making text all

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lowercase, uppercase, or capitalized. *

Chapter 6, "Fonts": After you have seen the properties that CSS provides for text manipulation in Chapter 5, Chapter 6 presents the CSS properties you can use to manipulate the presentation of fonts. These effects include applying bold text, setting a font face, setting the font size, setting an italic font, as well as learning to use a property that enables you to specify all CSS's font effects in one single property. *

Chapter 7, "The Box Model": Chapter 7 elaborates on a design concept fundamental to CSS design: The Box Model. You learn how the box model plays an important role in determining layout dimensions. Using the margin, border, padding, width, and height properties, you can control how much space elements within a document occupy, how much space separates them, whether there are borders around them, whether scroll bars should be included. It also discusses a CSS phenomenon known as margin collapsing, which is what happens when top or bottom margins come into direct contact with other top or bottom margins in a web document. * Chapter 8, "CSS Buoyancy: Floating and Vertical Alignment": Chapter 8, discusses float and clear, two properties used to control the flow of layout in a web document and often used to flow text beside images. It also discusses the vertical-align property, which is used to create effects like subscript or superscript text, as well as to control

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vertical alignment in table cells. * Chapter 9, "List Properties": In this chapter, you'll look at the properties CSS provides to control presentation of ordered and unordered lists. This discussion includes the options CSS provides for predefined list markers, custom list markers, and the position of list markers. * Chapter 10, "Backgrounds": Chapter 10, presents the properties CSS provides to control backgrounds in a web page. This includes properties that set a background color or background image, as well as those that control the position of a background, the tiling of a background, and whether a background remains fixed in place as a web page is scrolled or remains static. Finally, the chapter shows you how to use a property that combines all these individual effects into a single property. * Chapter 11, "Positioning": You'll see four different types of positioning: static, relative, absolute, and fixed. You use positioning primarily to layer portions of a document. It also describes some of the practical uses for positioning, such as creating a multicolumn layout. * Chapter 12, "Tables": Chapter 12, presents the different properties that CSS provides for styling (X)HTML tables. The properties presented in this chapter let you control the spacing between the cells of a table, the placement of the table caption, and whether empty cells are rendered. It also looks in detail at the available tags and options that (X)HTML provides for structuring

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tabular data. Part III: Advanced CSS and Alternative Media: Throughout Chapters 13, 14, and 15 you learn about how to use CSS to make documents for printing, and another kind of document altogether, XML. * Chapter 13, "Styling for Print": This chapter discusses what steps to take to use CSS to provide alternative style sheets to create a printer-friendly version of a web document. * Chapter 14, "XML": In this chapter, you see how you can use CSS to style XML content. This chapter focuses specifically on the CSS display property and how you use this property to change the behavior of tags in an XML or HTML/XHTML document. * Chapter 15, "The Cursor Property": Here you see how you can change the user's mouse cursor using CSS, how you can customize the mouse cursor, and what browsers support which cursor features. * Chapter 16, "Dean Edwards's 'IE7'": This chapter talks about one alternative to many of the hacks and workarounds that you need for IE6. It talks about how to install an HTTP server for your website, and how to install and use Dean Edwards's "IE7" JavaScript, which is a collection of IE6 hacks and workarounds designed to make "IE6" feature compatible with its successor. This chapter is available online only, on the Wrox website at www.wrox.com/go/beginning_css2e. * Appendixes: Appendix A contains the answers to chapter exercises. Appendix B, "CSS Reference," provides a place for you to look up CSS features and browser compatibility on

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the fly. Appendix C, "CSS Colors," provides a reference of CSS named colors. Appendix D, "Browser Rendering Modes," provides a reference for the browser rendering modes invoked by the presence or absence of a Document Type Declaration (discussed in Chapter 7).

Provides information and examples on using CSS to format Web pages, covering such topics as Web typography, links, navigation, page layouts, and Web site design.

?Leverage various CSS features in combination with popular architectures in order to bring your style sheets back under your control. While CSS is the primary technology used for building beautiful web user interfaces, the style sheet files themselves are often quite ugly; left chaotic and unstructured through lack of a consistent architectural approach. By addressing the structure of your style sheets in the same way that you do with code, see how it is possible to create style rules that are clean and easy to read. Dig deep into CSS fundamentals and learn how to use the available selectors to build powerful rules. You will learn how to use cascading, inheritance, pseudo-classes, pre-processors, and components to produce cleaner, DRY-er style sheets, and how to let these features work for you instead of leading you down the road of rule duplication and design inconsistencies. Embrace the clean, semantic HTML to make your code easier to read, while supporting accessibility and assistive

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technologies. Separate the concerns of layout and style to simplify dynamic theming and white labeling, making you a marketing hero. Once you've finished this book you will have an advanced knowledge of CSS structures and architectural patterns that will take the pain out of style sheets for you (and your coworkers), and help you implement designs faster and easier than ever before. What You'll Learn Understand the core CSS fundamentals of Inheritance, Cascading, and Specificity Work with architecture and design patterns for better organization and maintenance Maximize code reuse with CSS precompilers Review the strengths and weaknesses of popular architecture patterns Who This Book Is For Primarily for front-end web developers and UI designers and anyone who works with CSS, particularly if they find it cumbersome and inelegant. It's also suitable for software architects and tech leads who are responsible for the maintainability of their code base. A full-color introduction to the basics of HTML and CSS from the publishers of Wrox! Every day, more and more people want to learn some HTML and CSS. Joining the professional web designers and programmers are new audiences who need to know a little bit of code at work (update a content management system or e-commerce store) and those who want to make their personal blogs more attractive. Many books teaching HTML and CSS are dry and only written for those who want

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to become programmers, which is why this book takes an entirely new approach. Introduces HTML and CSS in a way that makes them accessible to everyone—hobbyists, students, and professionals—and it's full-color throughout Utilizes information graphics and lifestyle photography to explain the topics in a simple way that is engaging Boasts a unique structure that allows you to progress through the chapters from beginning to end or just dip into topics of particular interest at your leisure This educational book is one that you will enjoy picking up, reading, then referring back to. It will make you wish other technical topics were presented in such a simple, attractive and engaging way! This book is also available as part of a set in hardcover - Web Design with HTML, CSS, JavaScript and jQuery, 9781119038634; and in softcover - Web Design with HTML, CSS, JavaScript and jQuery, 9781118907443.

Solutions & Examples for HTML5 Developers
Cascading Style Sheets 2.0 Programmer's Reference
Visual Presentation for the Web
Values, Units, and Colors

HTML & CSS: The Complete Reference, Fifth Edition
CSS in Depth

CSS is one of the trio of core client-side web professional skills: HTML for markup, JavaScript for dynamism, and CSS for style. All web professionals who want to take their page design to the next level, with all the advantages that CSS

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brings, will need this book. This book is a focused guide to using Cascading Style Sheets (CSS) for the visual design of web pages. It provides concise coverage of all the essential CSS concepts developers need to learn (such as separating content from presentation, block and inline elements, inheritance and cascade, the box model, typography, etc). It also covers the syntax needed to effectively use CSS with markup document (for example CSS rules, how to structure style sheet, linking style sheets to your (X)HTML document, CSS boxes etc). CSS (Cascading Style Sheets) is a powerful technology that can be used to add style and structure to web pages without needing to resort to "hacks" such as HTML table layouts and "spacer images". However, this is not the only advantage over other styling methods. You can specify your CSS styles in a separate file, then apply those styles to every page in your web site. When you want to change a style on your site, you can do it by modifying one style sheet, rather than having to update every page. This is only one example of the many advantages CSS brings to your web development workflow. Exactly how does the "cascade" in Cascading Style Sheets work? This concise guide demonstrates the power and simplicity of CSS selectors for applying style rules to different web page elements. You'll learn how your page's presentation depends on a multitude of style rules and the complex ways they function—and sometimes collide—within a document's structure. This guide is a chapter from the upcoming fourth edition of *CSS: The Definitive Guide*. When you purchase either the print or the ebook edition of *Selectors, Specificity, and the Cascade*, you'll receive a significant discount on the entire *Definitive Guide* when it's released. Why wait when you can learn how to use selectors and other

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key CSS 3 features right away? Learn how to create CSS rules that apply to a large number of similar elements Group rules to make style sheets smaller and download times faster Understand how elements inherit styles from their parents Discover how reader and browser preferences affect your page presentation Examine specificity—the method browsers use to choose between two conflicting style rules Get a handle on how specificity and inheritance combine to form the cascade Get details on all of the CSS3 selectors

PHP and MySQL are quickly becoming the de facto standards for rapid development of dynamic, database-driven web sites. This book is perfect for newcomers to programming as well as hobbyists who are intimidated by harder-to-follow books. All concepts explained in plain English, the new edition starts with the basics of the PHP language, and explains how to work with MySQL, the popular open source database. You then learn how to put the two together to generate dynamic content. If you come from a web design or graphics design background and know your way around HTML, Learning PHP & MySQL is the book you've been looking for. The content includes: PHP basics such as strings and arrays, and pattern matching A detailed discussion of the variances in different PHP versions MySQL data fundamentals like tables and statements Information on SQL data access for language A new chapter on XHTML Error handling, security, HTTP authentication, and more Learning PHP & MySQL explains everything from fundamental concepts to the nuts and bolts of performing specific tasks. As part of O'Reilly's bestselling Learning series, the book is an easy-to-use resource designed specifically for beginners. It's a launching pad for future learning, providing you with a solid foundation for more

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Cascading Style Sheets for Web Design