

Cascade Style Sheet 3 (CSS3)

1. Introduction to CSS3

- Brief Description
- Writing CSS
- Browser-specific Prefixes
- Adding Comments to a CSS

2. Basic Selectors

- Understanding Selectors
- The Document Object Model (DOM)
- Using <!DOCTYPE>
- Types of Selectors
- Grouping Selectors
- Styling Links
- Playing with Cursor

3. Working with Sizes, Colors and Files

- Sizes and Measuring Units
- Exploring Colors
- Background Images

4. Styling Text

- Working with Fonts
- Dealing with Line Spacing
- Changing the Text Color
- Text Formatting
- Adding Text Shadows

5. Web Fonts

- Desktop Fonts vs. Web Fonts
- Adding Web Fonts to Sites
- Font Formats and the Supporting Browsers
- Embedding Web Fonts

6. Background, Borders and Shadows

- CSS Background
- Adding Multiple Images to the Background
- Defining Borders
- Additional Border Properties
- Using Border Images

- Adding Drop Shadows
- Outline Styling

7. Gradients without Images

- Understanding Gradients
- Creating Linear Gradients
- Creating Radial Gradients
- Repeating Gradients
- Using Multiple Gradients

8. Advanced Selectors

- Why Advanced Selectors
- First, Last and Only Child Instances
- Styling Selectors Based on Positions
- Styling Selectors Based on Relationships
- Styling Selectors Based on States
- Negative Selectors
- Other Pseudo Classes

9. Lists and Navigation Menus

- Working with Lists
- Navigation Menus

10. Exploring Generated Content

- What is Generated Content
- Inserting the Generated Content
- Working with Counters
- Using before and after as Pseudo Classes

11. Transforms and Transitions

- Transforms in CSS3
- CSS3 Transitions
- Adding Transformation to the Transition

12. Animating Elements with Keyframes

- Animation vs. Transitions
- Creating Animations Using Keyframes
- Setting the Animation Direction
- Setting the Speed Curve of Animation

13. Styling Tables

- Table Structure

- Grouping Table Rows
- Table Layout Interpretation by Browsers
- Styling Tables in CSS

14. Elements Positioning

- Understanding the Elements Positioning
- Positioning Types
- Positioning Elements
- Creating Tooltips
- Drop Down Menus
- Masking an Absolutely Positioned Element

15. Working with Layouts

- Introduction to CSS Box Model
- Setting Element Dimensions
- Paddings and Margins
- Changing Layout with display
- Controlling Visibility
- Floating Elements
- Using Multiple Classes

16. Multi-Column Layouts with CSS3

- The Multi-Column Layout
- Multi-Column Properties
- Dealing with Column Breaks

17. Dealing with Cross Browser Layouts

- Creating Columnar Layouts using float
- Introducing Flexbox

18. Media Queries

- Understanding Media Queries
- Specifying Media Queries
- Setting Viewport
- Handling Images with Media Queries

19. Print CSS3

- Introduction
- Media Types
- The @media Rules
- Defining Page Margins
- Specifying Page Breaks