



ADVANCED CSS Course Topics

LESSON 1: STRUCTURING YOUR CODE

- IDs and class names
- Naming your elements
- IDs or Classes?
- Divs and spans
- Microformats
- Different versions of HTML and CSS
- Document types and browser modes
- Validation

LESSON 2: MANAGING STYLES

- Common selectors
- Pseudo-classes
- The universal selector
- Advanced selectors
- Child and adjacent sibling selectors
- Attribute selectors
- The cascade and specificity
- Specificity
- Using specificity in your style sheets
- Adding a class or an ID to the body tag
- Inheritance
- Planning, and maintaining your styles
- Applying styles to your document
- Removing comments and optimizing
- Style guides

LESSON 3: VISUAL FORMATTING

- Box model review
- IE and the box model
- Margin collapsing
- Positioning review
- The visual formatting model
- Relative positioning
- Absolute positioning
- Fixed positioning
- Floating
- Line boxes and clearing

LESSON 4: USING BACKGROUNDS

- Background image basics
- Rounded-corner boxes
- Fixed-width rounded-corner boxes
- Flexible rounded-corner box
- Multiple background images
- border-radius
- border-image
- Easy CSS drop shadows
- Box-shadow
- Opacity
- CSS opacity
- RGBa
- PNG transparency

LESSON 5: ADDING STYLE TO LINKS

- Simple link styling
- Fun with underlines
- Simple link embellishments
- Fancy link underlines
- Visited-link styles
- Styling link targets
- Highlighting different types of links
- Highlighting downloadable documents
- Creating links that look like buttons
- Simple rollovers
- Rollovers with images
- Pixy-style rollovers
- CSS sprites
- Rollovers with CSS 3
- Pure CSS tooltips

LESSON 6: STYLING LISTS AND NAV BARS

- Basic list styling
- Creating a basic vertical nav bar
- Highlighting the current page in a nav
- Creating a simple horizontal nav bar
- Creating a graphical nav bar
- Sliding door tabbed navigation
- CSS image maps
- Flickr-style image maps
- Remote rollovers
- Definition lists

LESSON 7: STYLING FORMS AND TABLES

- Styling data tables
- Table-specific elements
- Summary and caption
- thead, tbody, and tfoot
- col and colgroups
- Data table markup
- Styling the table
- Adding the visual style
- Simple form layout
- Useful form elements
- Form labels
- Embellishments
- Required fields
- Accessible date input
- Multicolumn check boxes
- Submit buttons
- Form feedback

LESSON 8: USING CSS FOR LAYOUT

- Planning your layout
- Setting the foundations
- Centering a design using margins
- Float-based layouts
- Two-column floated layout
- Three-column floated layout
- Fixed-width, liquid, and elastic layout
- Liquid layouts
- Elastic layouts
- Liquid and elastic images
- Faux columns
- Equal-height columns
- CSS 3 columns
- CSS Frameworks vs. CSS Systems