

# Class 4: The presentation layer – CSS

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CSS

Style rules

Applying styles: Inline, Embedded and External

Selectors: Elements, Classes and IDs

Pseudo-classes

The box model

<div> for page structure

Colours and hexadecimals

Fonts and font stacks

Using CSS

CSS reset

Validation

## References

Learning Web Design by Jennifer Robbins

Head First HTML and CSS by Elizabeth Robson & Eric Freeman

HTML & CSS by Jon Duckett

Beginning CSS3 by David Powers

<http://reference.sitepoint.com/css>

<http://jigsaw.w3.org/css-validator>

<http://learn.shayhowe.com/html-css/>

<http://css.maxdesign.com.au/selectutorial>

<http://cssfontstack.com/>

## Class 4 Homework

Read: Chapters 11-14 of Learning Web Design

or Chapters 7-10 of Head First HTML and CSS

or Chapters 10-14 of HTML & CSS

Create 3 different style sheets for your design favourites website, illustrating the range of options available to you in font, colour, link style, borders and spacing etc. Link all 3 stylesheets to the <head> of your html files, using the correct syntax for “alternate” stylesheets for the second 2, for example:

```
<link rel="stylesheet" type="text/css" href="default.css" />
<link rel="alternate stylesheet" type="text/css" title="Red" href="red.css" />
<link rel="alternate stylesheet" type="text/css" title="Blue" href="blue.css" />
```

You can then view your web pages using the different styles:

In Firefox **View > Page Style > Style Name**

**Note:** Bear in mind that the default stylesheet rules are persistent and that the alternate rules are added to the default. The alternate does not wholly replace the default but can be used to override rules in the default stylesheet.

Use the W3C Markup Validation Service to check your CSS code.

Upload your work to your home area so that we can review your styling during the Class 5 session and so you can demonstrate how different one set of markup can look when combined with different style sheets.

Add any useful CSS resources to side panel on your blog to accompany the HTML resources you added last week.

For a bit of fun, take the HTML, XHTML and CSS quizzes at W3Schools:

<http://www.w3schools.com/quiztest/quiztest.asp>