

Class 5: Images and Colour

Raster file formats

- JPEG

- GIF

- PNG (8 bit and 24 bit)

Image compression

Animated GIFs

Alpha transparency

Resizing and saving image files

Image positioning (floats with CSS)

Background images (position and repetition with CSS)

Image sprites (changing background position on CSS a:hover)

Contrast and colour combination problems

Colour names and values

Colour theory

Colour Schemes

- Designing with Photoshop

- Online tools

References

CSS and HTML Web Design by Craig Grannell

Head First HTML with CSS & XHTML by Elizabeth Freeman & Eric Freeman

HTML and CSS Web Standards Solutions by Chris Murphy & Nicklas Persson

Design Elements: A Graphic Style Manual by Timothy Samara

Visual Design for the Modern Web by Penny McIntire

http://www.stuffandnonsense.co.uk/archives/creating_colour_palettes.html

http://www.mezzoblue.com/archives/2004/05/14/colour_scheme

<http://www.color-wheel-pro.com/color-theory-basics.html>

<http://www.color-wheel-pro.com/color-meaning.html>

http://slayeroffice.com/tools/color_palette

<http://colorschemedesigner.com/>

<http://www.easyrgb.com>

<http://www.tizag.com/cssT/background.php>

<http://css.maxdesign.com.au/floatutorial/tutorial0101.htm>

<http://www.webvamp.co.uk/blog/coding/css-image-rollovers/>

<http://coding.smashingmagazine.com/2009/10/19/the-mystery-of-css-float-property/>

Class 5 Homework

Read: Chapter 4 of CSS and HTML Web Design

or Chapter 5 of Head First HTML (again!)

or Chapter 5 of HTML and CSS Web Standards Solutions

Chapter 2 of Design Elements: A Graphic Style Manual

and/or Chapter 5 and 6 of Visual Design for the Modern Web

Continue the development of your design favourites website, using your new knowledge of colour theory and colour schemes. Think about the size of the images you are using, the composition of the images and image positioning. Refine the 3 stylesheets you developed last week, by improving your use of colour.

Find 3 examples of sites with good colour schemes and 3 examples of sites with poor colour schemes – explain why. Post your opinions on your blog.

Design a homepage for your coursework site and make a link to your design favourites project. Think about how you will structure this site so as to accommodate future project work and coursework. Take a look at previous student homepages for ideas:

<http://www.webdesignstuff.co.uk/students-2011-12/>

Upload your homepage so that we can review it next week.