

Day 4

- Warmup exercise?
 - Create a website and host it
 - Set up a web-art project page?
- Homework - submit one communal quilt <http://www.playdamage.org/quilt/index.html>

Warmup

- Review homework and share anyone's assignments
 - Big data vs small data, collection by hand leads to more thoughtful observations
 - What was something that you uncovered when looking at your habits?
- Review
 - Structure of CSS (style tag, selector, declaration)
 - Specifying color
- Update on ColorHighlighter
 - HEX with 6 digits doesn't seem to be as supported anymore.
 - Type rgb() before using color highlighter or right click and convert.
- Exercise
 - Create a new page
 - Add an h1, h2 and h3
 - Give the body a background color
 - Give the h1 a background-color and a color
 - Give the h2 a background-color and a color
 - Give the h3 a background-color and a color
 - Upload the page to GitHub pages
- Attendance on Canvas

Internal Style

- Comments in CSS
- Typography
 - Ada Lovelace
 - h1, h2, p from article
 - Set font size on each elements
 - Change body to 800px for this demo - readability
 - Setting font-family
 - Slides on keywords and local font stacks
 - Use keywords: `font-family: cursive`
 - Use local font stack: `font-family: "Century Gothic", "CenturyGothic", "AppleGothic", sans-serif`
 - Slides on embedded fonts
 - Use embedded fonts: google fonts
 - When it comes to fonts, limit yourself to 1-2 per design
 - font-weight - slides & overriding defaults
 - text-align - slides & centering
 - text-style - slides & italic vs oblique
 - Others: slides & line-height, text-decoration, text-transform
 - Slides: tools

- Selectors
 - Claes Oldenburg
 - Artist concerned with everyday objects
 - Soft sculptures
 - Satirical artist statement
 - Styling
 - Applying font to the body - inherited
 - Emmet ID/Class shortcuts
 - Slide and demo - combining selectors with commas
 - What if we want to target just the title h1 on the page? Add id and select it. Slide.
 - What if we want to target a series of elements on the page? Add class and select it. Slide.
 - Point out that an element can have both a class and an ID
 - Exercise: Color gradient/palette using at least 5 colors - give template
 - Exercise: Selectors practice - give template
- External style
 - Slides
 - Take last assignment and modify it to have external CSS
- Box Model
 - Setup with external CSS
 - Slides: up to width and height property
 - Introduce lorem ipsum
 - Create site with some hipster ipsum paragraphs
 - Add a google font
 - Add border to show paragraph's boxes
 - Add a width & height to paragraphs - demo px and auto
 - Show inline vs block vs inline-block
 - Stick to inline-block, show vertical-align
 - Slides: margins
 - Show inspector
 - Remove margins
 - Add some margins
 - Slides: padding
 - Show inspector, no padding defaults here
 - Add some padding
 - Change text to white/crimson combo now that we have padding
 - Slide: border
 - Add a left border with darker color
 - Exercise: BoxModelPractice - give template
- Centering with Margins
 - Slides
- Grid
- Gif Quilt

To Cover Later

- External
 - Website nav
 - Fake articles
 - Grab last exercise
 - Pick some fonts
 - Adjust the font size
 - Adjust the color

- Active nav styling
- Box Model
- em
- text-indent
- text-shadow
- Inheritance of font-size
- Hyperlink styling

New Elements

- Semantic elements
 - article, section, header, footer, aside, figure/figcaption, nav, main
- Directory structure
- Image formats? Transparent background?
- pre?
- Skip tables?
- Skip forms until we get to JS?

Homework Options

- Data diary
- Make a manifesto
- Make a YouTube Triptych - history of videos watched
- Make a multiple page site
- Twine interactive
- My boyfriend came back from the war

CSS Topics

- Internal style
 - Applying simple style to HTML elements
- Mention style attribute
- External style
 - Selectors
 - Structural/container elements
 - Flow
 - Inline, block vs inline-block
 - Mention flex: <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>
 - Box model
 - Width, height, padding, border, margin
 - `box-sizing: border-box`
 - Percentage sizing
 - Margin centering
 - Positioning & layout
 - Position: absolute, relative, fixed and static
 - z-index
 - <http://learnlayout.com>
 - Grids
- Centered container site

Resources?

- <http://sixrevisions.com/css/css-typography-01/>
- <http://adamschwartz.co/magic-of-css/>

Beyond HTML & CSS

- SASS, Templates

Homework

- Inspector hacking: don't touch HTML, but shred site with CSS. Take snapshots.
- Found Internet Triptych
- Embed YouTube, Google Maps, SoundCloud, downloaded audio
- Read [Ten Myths of Internet Art](#)

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