

HTML & CSS Flashcards

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Basic HTML DOM Tree

```
<!doctype html>
<head>
  <title></title>
  <meta>
  <script></script>
</head>
<body>
</body>
<!-- Comment -->
```

Headings, Paragraphs, and More

```
<h1></h1> through <h6></h6>
<p></p> for paragraphs
<aside></aside>content
```

CSS Setup & Formatting

```
<style type="test/css"> OR
<link rel="stylesheet" type="text/css"
      href="mystyle.css"> OR
      inline
tagname {      - all ref'ed elements inherit
      property: value;} - how to format
#id {}        - single id'ed element will
                  inherit these
.class {}     - all elements of class will
                  inherit
</style>      - closes out the style segment
```

Text Attributes

```
font-family: typeface;
font-style: normal-italic-oblique;
font-weight: normal-bold-###;
font-size: ##px;
text-align: left-center-right;
vertical-align: top-middle-bottom;
text-transform: uppercase-lowercase-
               capitalize;
text-shadow: _px _px _px color;
             horizontal vertical blur color
```

Link Formatting

```
<a href="url">link text  
  <img src=file alt="text"  
    style="float:rightORleft  
    width:__px; height:__px;  
    border:0;">  
  target="_blank"</a>
```

CSS Selectors

Examples

- * - targets all elements. Universal.
- .class - targets relevant class
- #id - targets relevant id.
- h1 b - targets h1 level bold formatting
- p#intro - paragraph level with ID of "intro"

HTML & CSS Organization

```
<div></div>  
<span></span> - a "within element"  
  version of <div>  
<main></main> to be used as a way to  
  delineate the "main" section of  
  the html.
```

General Element Attributes

```
alignment: left-center-right;  
color: rgb/hex/name;  
background-image: url('file');  
background-repeat: no-repeat;  
background-size: cover;  
background-attachment: fixed;  
padding: number;  
background-color: color;
```

List Items

```
<ul></ul> OR <ol></ol>  
  <li></li>  
<dl>          <!-- definition list -->  
  <dt></dt>    <!-- definition term -->  
  <dd></dd>    <!-- definition -->  
<dl>  
(ul or ol can be nested)
```

CSS Border Attributes

```
border-style: dashed-dotted-double-  
  inset-more  
border-width: px;  
border-color: color;  
OR  
border: px border-style color  
(above example defines all necessary  
  elements to create a border.)
```

List Attributes: Ordered / Unordered

```
list-style-type: disc-circle-  
square-none; (impacts <ul></ul> lists)  
Type="1-A-a-I-i"; (impacts ol lists)
```

Text Attributes

<i></i> *Italics*	 **Bold**
 emphasis	<q></q> "quotes"
 bold-like	
<blockquote></blockquote>	
<abbr></abbr> abbreviations & acronyms	
<cite></cite> citations	
<dfn></dfn> defining instance	
<ins></ins> inserted content	
 shows deleted content	

Text Attributes continued

<s></s> strikethrough	
superscript	
subscript	
 line break in an element	
<hr /> a horizontal line element	

<address></address>

Highlights an address, but the address must still be formatted via html attributes. For additional options, see [hCards](#).

Subject 3

content

Subject 4

content

Boxes

```
width: px OR xx%    height: px OR xx%
min-width: px        max-width: px
min-height: px       max-height: px
overflow: hidden-scroll;
    Instructs what to do if content is
    Larger than the box
```

Margin & Padding

```
padding: px; can be top-left-right-bottom
margin: px;
```

Boxes Border

```
border-width: thin-medium-thick
border style: solid-dash--groove-more
    can be border-top/left/right/bottom
border-color: rgb
    can be designated: top right left
    bottom;
shorthand border:
    border: width style color;
```

Centering Content

```
margin: px auto px auto;
    Will center the box on the screen
```

Visibility

```
visibility: hidden-visible
```

Inline/Block Change

```
display: inline/block/inline-block/none
```

Border Images

```
css element {
    filename: url("url")
        px px px px stretch/repeat/round
    filename: url("url")
        px px px px stretch/repeat/round
    filename: url("url")
        px px px px stretch/repeat/round;
}
```

Border Box Shadows

css element {

-Moz-box-shadow: px px rgb;

-webkit-box-shadow: px px rgb;

box-shadow: px px rgb;}

Properties:

hor. offset vert. offset

blur distance spread of shadow

Subject 3

content

Rounded Corners

Border-radius: px, px, px, px

Subject 4

content

Elliptical Shapes:

See p. 322