

# 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>



```

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

## Text Attributes

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

## Text Attributes continued

<s></s> strikethrough	
<sup></sup> superscript	
<sub></sub> 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