


## Quick Reference Guide

```
<!doctype html>
<html>
  <head>
    <title>Sample Page</title>
    <link rel="stylesheet" href="styles.css">
  </head>
  <body>
    <h1>A Sample Page</h1>
    <p>This is a sample HTML page with a CSS file.</p>
  </body>
</html>
```

Type	HTML	Example
Paragraph	<code>&lt;p&gt;Some text&lt;/p&gt;&lt;p&gt;Some more text&lt;/p&gt;</code>	Some text Some more text
link	Go to <code>&lt;a href="http://google.com"&gt;Google&lt;/a&gt;</code> .	Go to <a href="http://google.com">Google</a> ,
Image	<code>&lt;img src="http://www.shindigital.com/assets/JackAndHerman.png"&gt;</code>	
Text Formatting	I have <code>&lt;strong&gt;strong&lt;/strong&gt;</code> feelings about <code>&lt;em&gt;this&lt;/em&gt;</code> .	I have <b>strong</b> feelings about <i>this</i> .
Headings	<code>&lt;h1&gt;Top heading&lt;/h1&gt;</code> <code>&lt;h2&gt;Lesser heading&lt;/h2&gt;</code> <code>&lt;h6&gt;Little heading&lt;/h6&gt;</code>	<b>Top heading</b> <b>Lesser heading</b> <i>Little heading</i>
Bullet and numbered lists	<code>&lt;ul&gt;&lt;li&gt;First&lt;/li&gt;&lt;li&gt;Second&lt;/li&gt;&lt;/ul&gt;</code> <code>&lt;ol&gt;&lt;li&gt;First&lt;/li&gt;&lt;li&gt;Second&lt;/li&gt;&lt;/ol&gt;</code>	• First • Second 1. First 2. Second

## Common Semantic Tags

<code>&lt;header&gt;</code> , <code>&lt;footer&gt;</code>	Top and bottom sections of page, outside of main content.
<code>&lt;main&gt;</code>	The main part of a web page
<code>&lt;section&gt;</code> , <code>&lt;article&gt;</code>	A distinct element in a page, part of a larger whole or collection.

Semantic tags don't change the look of content by default, but help define sections of the page.

## CSS Selectors

Type	CSS	HTML
By tag	<code>p{...} article { ... }</code>	<pre>&lt;p&gt;Styled content&lt;/p&gt; &lt;article&gt;   Styled content &lt;/article&gt;</pre>
By class	<pre>.my-link { ... } p.my-paragraph { ... }</pre>	<pre>&lt;a class="my-link"&gt;Styled Content&lt;/a&gt; &lt;p class="my- paragraph"&gt;Styled Content&lt;/p&gt;</pre>
By id	<code>#my-link { ... }</code>	<pre>&lt;a id="my-link"&gt;Styled Content&lt;/a&gt;</pre>
Multiple selectors	<code>h1, h2, h3 { ... }</code>	<pre>&lt;h1&gt;Styled&lt;/h1&gt; &lt;h2&gt;Same Styled&lt;/h2&gt; &lt;h3&gt;Same Styled&lt;/h3&gt;</pre>
Nested selectors	<code>footer p { ... }</code>	<pre>&lt;footer&gt;   &lt;p&gt;Styled&lt;/p&gt; &lt;/footer&gt;</pre>

## “class” vs “id”

- “class” defines a general type. Elements can have multiple classes, and multiple elements can have the same type.
- “id” identifies a specific element. It should be unique on a page.

Type	Type	Type	HTML
font	font-family font-size font-weight font-style	Cascading font names from specific to general. Size in px, pt, em, or % weight: bold, bolder, light, etc. style: italic, oblique, normal	<code>font-family: helvetica, arial, sans-serif font-size: 18pt; font-weight: bold; font-style: italic;</code>
colours	color background-color	Can use common colour names like “red”, “blue” or RGB hex codes like “#a00” or “#1123cc”	<code>color: red; background-color: #533;</code>
borders	border border-left border-top (etc.)	Can specify type, thickness, colour separately or all in one line	<code>border: solid 1px #336; border-bottom: dotted 3px grey;</code>
margins and padding	margin margin-left (etc.) padding padding-left (etc.)	Margin is spacing outside of element. Padding is spacing inside element.	<code>padding: 5px; margin-left: 20px; margin-right: 20px; margin-top: 10px; margin-bottom: 5px;</code>

## Links:

Lighthouse Labs: <http://www.lighthouselabs.ca> Become a full stack developer!

Sublime Text: <https://www.sublimetext.com/> A great text editor.

Start Bootstrap: <http://startbootstrap.com> Awesome-Looking responsive web templates.