

HTML Cheat Sheet

Required Tags and Directive

(A minimal HTML web page must have the required tags. See the blog for an example you can copy and paste.)

```
<html> ..... </html>
<head> ..... </head>
<body> ..... </body>
<title> ..... </title>
<meta charset='utf-8' /> ..... (self closing tag)
<!DOCTYPE html> ..... (Directive for HTML5)
```

Other Frequently Used Tags

```
<h1> ..... </h1>
<h2> ..... </h2>
<p> ..... </p>
<ul> ..... </ul>
<ol> ..... </ol>
<li> ..... </li>
<div> ..... </div>
<span> ..... </span>
<style type='text/css'> ..... </style>
<script type='text/javascript'> ..... </script>
```

Formatting tags

```
<b> ..... </b> ..... bold
<i> ..... </i> ..... italic
<strong> ..... </strong> ..... strong (bold)
<em> ..... </em> ..... emphasis (italic)
```

Tags for making tables

```
<table> ..... </table>
<tr> ..... </tr> ..... table row
<td> ..... </td> ..... table data (cell)
<th> ..... </th> ..... table header (cell)
```

Tags for making interactive forms

```
<form> ..... </form> ..... User form
<input /> ..... (self closing tag) ..... Text input or button
<textarea> ..... </textarea> ..... Multi-line text
<select> ..... </select> ..... Menu
<option> ..... </option> ..... Menu item
```

Attributes

```
id='content'
class='module'
lang='en'
charset='utf-8'
value='42'
```

Self-closing tags

Note that the `<meta />` and `<input />` tags do not have closing tags. But they have an extra `/` at the end of the tag to indicate that the tag closes.

CSS Styles

Format:

```
selector { attribute: value; attribute2: value2; attribute3: value3; ... }
```

Examples:

Select using a tag:

```
h1 { font-size: 1.5em; color: blue; background-color: orange; padding: 0.5em; }
```

Select using a class:

```
p.center { text-align: center; }
```

Select using an ID:

```
div#banner { padding: 1em; background-color: yellow; box-shadow: 2px 2px 2px gray; }
```

Where to put styles:

1. "Inline" within the applicable tag
2. In a <style> section at the top of the file
3. In a separate CSS file

Inline example:

```
<h1 style='color: brown;'>Brown as the human condition</h1>
```

Style section example:

```
<head>
...
  <style type='text/css'>
    h1 { color: chartreuse; }
  </style>
</head>
```

Separate file example:

```
<head>
...
  <style type='text/css'>
    @import "mystyles.css";
  </style>
</head>
```