

# Summary (Cheat Sheet) of CSS Part 1: Basics

1. \*Use an external style sheet (We will do it this way)

```
<link rel="stylesheet" href="styles/main.css">
```

2. Embed the styles in the head section

```
<style>
  body {
    font-family: Arial, Helvetica, sans-serif;
    font-size: 87.5%; }
  h1 { font-size: 250%; }
</style>
```

3. Use the style attribute to apply styles to a single element

```
<h1 style="font-size: 500%; color: red;">
  Valley Town Hall</h1>
```

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Symbol	Name	Type	Description
px	pixel	absolute	A single dot on a monitor. The number of dots per inch depends on the resolution of the monitor.
pt	point	absolute	A point is 1/72 of an inch.
em	ems	relative	One em is equal to the font size for the current font.
%	percent	relative	A percent specifies a value relative to the current value.

For font size it is better to use relative measurements rather than absolute.

**Example:** Usually screen sizes have a default font-size of 16px. Setting it to 87.5% would be 14px. Using 2ems later for margin would be 28 (2\*14).  
.75em would be 10.5px (.75\*14)

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### Attribute Selectors:

Three ways to select elements:

- **type:**
  - **HTML:** <p>
  - **CSS:** p{ .. }
- **id:** **unique** label assigned to an element Ex.
  - **HTML:** <p id="main">
  - **CSS:** #main{..}
- **class:** label assigned to multiple elements
  - **HTML:** <p class="mytext">
  - **CSS:** .mytext{..}

**Universal Selector** \*{..} (Applies to everything on page)

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**Block Level Elements:** Start with newline Ex. <p> <h1>

**Inline Level Elements:** Without a newline Ex. <b> <img>

<div> - block element

<span> - inline element

No meaning. Used with CSS. <div> can set style attributes to large blocks of content and the <span> element can set style attributes to parts of the text.

Example:

```
<div id="main">
  <h1 class="base_color">Materials</h1>
  <p>Links for the downloads:</p>
  <ul>
    <li><a href="quizzes.html">Quizzes</a></li>
    <li><a href="exams.html">Exams</a></li>
  </ul>
  <p id="copyright" class="base_color">Adler
  Incorporated</p>
</div>
```

CSS File

**For IDs**

```
#main {  
    width: 300px;  
    padding: 1em;  
}  
#copyright {  
    font-size: 75%;  
    text-align: right;  
}
```

**For Class**

```
.base_color {  
    color: red;  
}
```

Screenshot:

## Materials

Links for the downloads:

- [Quizzes](#)
- [Exams](#)

Adler Incorporated

For Common CSS Properties Go To:

<http://rachelfadler.com/cs412/cssCheatSheet.html>