

Basic

HTML Document

```
<!DOCTYPE html>
<html lang="en-US">
  <body>
  </body>
</html>
```

Headings

```
<h1>This is heading 1</h1>
Headers: h1-h6
```

Paragraph

```
<p>This is a paragraph.</p>
```

Horizontal Line (thematic change)

```
<hr>
```

Button

```
<button>Click me</button>
```

Line Break

```
<br>
```

Preformatted text

```
<pre>Preformatted text</pre>
```

Short Quotation

```
<q>Short Quote</q>
```

Quotation

```
<blockquote cite="URL">
  Text of quote
</blockquote>
```

Abbreviation/acronym

```
<abbr title="World Health
Organization">WHO</abbr>
```

Contact Information

```
<address>contact
information</address>
```

Basic (cont)

Work Title

```
<cite>The Scream</cite>
```

Bi-Directional Override

```
<bdo dir="rtl">This text will be
written from right to
left</bdo>
```

Comment

```
<!-- This is a comment -->
```

```
**
```

```
..
```

```
**
```

```
..
```

Attributes

Class `class="class-name"`

ID `id="id of element"`

Tooltip `title="I'm a tooltip"`

Styles

Inline Styles

```
<tagname
style="property:value;">
```

Internal CSS

```
<style>
  selector {property:value;}
</style>
```

External CSS

```
<link rel="stylesheet"
href="file.css">
```

Links

Link

```
<a href="url">Link</a>
```

Target Attribute

`_blank` - new window/tab
`_self` - same tab (default)
`_parent` - parent frame
`_top` - full body of the window
`framename` - named frame

Image as Link

```
<a href="url"></a>
```

Link Title

```
title="Go to W3Schools HTML
section"
```

Bookmark Link

```
<a href="#C4">Jump to Chapter
4</a>
<h2 id="C4">Chapter 4</h2>
```

Image

Image

```

```

Image Map

```

<map name="workmap">
  <area shape="rect"
coords="34,44,270,350"
alt="Computer"
href="computer.htm">
  <area shape="rect"
coords="290,172,333,250"
alt="Phone" href="phone.htm">
  <area shape="circle"
coords="337,300,44"
alt="Coffee" href="coffee.htm">
</map>
```

Image (cont)

<picture> Element

```
<picture>
  <source media="(min-width:
650px)"
srcset="img_pink_flowers.jpg">
  <source media="(min-width:
465px)"
srcset="img_white_flower.jpg">
  
</picture>
```

The browser will use the first <source> element with matching attribute values, and ignore any following <source> elements.

Text Formatting

	bold text
	emphasized text
<i>	italic text
<small>	smaller text
	important text
<sub>	subscripted text
<sup>	superscripted text
<ins>	inserted text
	deleted text
<mark>	marked/highlighted text

Tables

Table

```
<table>
  <tr>
    <th>Table Heading Cell</th>
    <th>Table Heading
Cell</th>
  </tr>
  <tr>
    <td>Table Cell</td>
    <td>Table Cell</td>
  </tr>
</table>
```

Cells that Span Many Columns

```
<td colspan="2">Two columns
cell</td>
```

Cells that Span Many Rows

```
<td rowspan="2">Two rows
cell</td>
```

Table Caption

```
<caption>Table Header</caption>
- must be first element of <table> tag
```

Grouping elements

```
<colgroup> - Specifies a group of one or
more columns in a table for formatting
<thead> - header content in a table
<tbody> - Groups the body content in a
table
<tfoot> - Groups the footer content in a
table`
```

Lists

Unordered/Bulleted

```
<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

Ordered

```
<ol>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ol>
```

Attributes:

```
type="1" - numbers (default)
type="A" - uppercase letters
type="a" - lowercase letters
type="I" - uppercase roman numbers
type="i" - lowercase roman numbers
Start number: start="begin_number"
```

Description List

```
<dl>
  <dt>Coffee</dt>
  <dd>- black hot drink</dd>
  <dt>Milk</dt>
  <dd>- white cold drink</dd>
</dl>
```

Nested List

```
<ul/><ol> inside <li>
```

