

Anchor

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

Image

```

```

Unordered List

```
<ul type="____">
<li> </li>
</ul>
```

Ordered List

```
<ol type="____">
<li> </li>
</ol>
```

Description List

```
<dl> </dl>    Contains the description list
<dt> </dt>    Contains a defined term
<dd> </dd>    Contain a data definition
```

Table

```
<table>        Contains the table
</table>

<tr> </tr>    Contains a table row
<td> </td>    Contains a table data (cell)
<caption>      Configures a description of the
</caption>      table
<th> </th>    Configure Column and Row
                  Headings (centered and bold)

colspan        Specifies the number of
Attribute      columns that a cell will occupy

rowspan        Specifies the number of rows
Attribute      that a cell will occupy
```

Navigation

```
<nav> </nav>
```

Special Characters

```
&lt;      <
&gt;      >
&amp;    &
&quot;    "
&copy;   Copyright
```

Dithering

Used to enhance images with low color depth and a limited color palate

Alpha Channel

For RGB images, a fourth channel is added representing the degree of transparency (opacity) of the pixel

Lossy Compression

Lossy compression means that some data from the original image is lost. Once you have compressed an image this way, you can't go back

Used for video, sound and images where a certain amount of information loss will not be detected

Using JPEG

Lossless Compression

Decompressed image is identical to the original image

Works well for simple graphic illustrations

Works poorly for photographic images

Indexed Color

Technique to manage images' colors in a limited fashion in order to save file storage capacity

Color is not directly defined by the image pixel, but is stored in a separate piece of data called a palette

Color Depth

Number of colors which image can represent

Raster Image

Is a way to represent digital images

Also called a bitmap

Relative Link

Link to pages on your own site

Absolute Link

Link to other web sites, usually with a URL

CSS Properties

```
background-  valid color
d-color

color        valid color

font-family  valid font or font family

family-size  numeric value with pt or px or
              the unit em

font-style   normal, italic, or oblique

font-weight  text values normal, bold,
              bolder, and lighter

letter-sp-   a numeric value or normal
acing
```

CSS Properties (cont)

line-height	percentage
margin	numeric value
margin-left	numeric value, auto, or 0
margin-right	numeric value, auto, or 0
text-align	center, justify, left, or right
text-decoration	value "none" will not underline
text-indent	numeric value or percentage
text-shadow	2 to 4 numerical values to indicate a horizontal offset, vertical offset, blur radius, and spread distance, and a valid color value
text-transform	none, capitalize, uppercase, lowercase
white-space	normal, nowrap, pre, pre-line, pre-wrap
width	numeric value, numeric percentage, or auto
word-spacing	numeric value or normal

Ways to Apply CSS

Inline	In the web page body
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Ways to Apply CSS

Inline	In the web page body. Use the style attribute of an HTML tag. Applies only to the specific element enclosed
Embedded	In the web page head section. Uses <code><style> </style></code> . Applies style to the entire web page. Used to style a single web page
External	A separate text file

Link CSS

```
<link rel="stylesheet" type="text/css" href="____">
```

Class Selector

Use a class selector when you need to apply a CSS rule to certain elements

id Selector

Used to select one unique element

To select an element with a specific id, write a has (#) character, followed by the id of the element

Descendant Selector

Targets elements that are contained within another elements

div Element

Allows you to group a set of elements together in block-level box

span Element

Is in-line and usually used for a small chunk of HTML inside a line

C

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