##

##  External Styles

<head>

 <title>My Example</title>

 <link rel="stylesheet" href="/css/tutorial/example.css">

 </head>

## Embedded Styles

<head>

 <title>My Example</title>

 <style>

 body {background-color: darkslategrey;

 color: azure;

 font-size: 1.1em; }

 h1 {color: coral; }

 #intro {font-size: 1.3em;}

 .colorful {color: orange; }

 </style>

 </head>

 <body>

 <h1>Embedded Styles</h1>

 <p id="intro">Allow you to define styles for the whole document.</p>

 <p class="colorful">This has a style applied via a class.</p>

 </body>

**classes**

<!DOCTYPE html>

<title>Example</title>

<style>

 div.css-section {

 border:1px dotted red;

 padding: 20px;

 }

 div.css-section p {

 color:green;

 }

</style>

<div class="css-section">CSS Class

 <p>CSS classes can be very useful</p>

</div>

**CSS ID**

<!DOCTYPE html>

<title>Example</title>

<style>

 div#css-section {

 border:1px dotted red;

 padding: 20px;

 }

</style>

<div id="css-section">

 This lucky div has ID...

</div>

<div>

 This poor div has no ID...

</div>

**FONT**

<style>

 p {font-weight: bold;}

</style>

<style>

 p {font: italic small-caps bold 20px Georgia, Garamond, serif;}

</style>

<style>

 p {

 color: olive;

 }

</style>

<style>

 p {

 text-align: right;

 }

</style>

<style>

 p {

 text-indent: 50px;

 }

</style>

<style>

 p {

 letter-spacing: 5px;

 }

</style>

<style>

 p {

 word-spacing: 50px;

 }

</style>

<style>

 .overline {

 text-decoration: overline;

 }

 .line-through {

 text-decoration: line-through;

 }

 .underline {

 text-decoration: underline;

 }

 a:link {

 text-decoration: none;

 }

</style>

<style>

 .uppercase {

 text-transform: uppercase;

 }

 .lowercase {

 text-transform: lowercase;

 }

 .capitalize {

 text-transform: capitalize;

 }

</style>

<p class="uppercase">This text has been transformed to uppercase</p>

<p class="lowercase">THIS TEXT HAS BEEN TRANSFORMED TO LOWERCASE</p>

<p class="capitalize">this text has been capitalized.</p>

<style>

 p {

 direction: rtl;

 }

</style>

<style>

 p {

 direction: rtl;

 unicode-bidi: bidi-override;

 }

</style>

<style>

 p {

 text-shadow: 2px 2px 8px orange;

 }

</style>

## CSS White Space

<style>

 p {

 white-space: pre;

 }

</style>

<p>This text has a line break

 (actually, it has

many line breaks!)

and the

 white-space pre setting

tells the browser to honor it

 just like

 the HTML pre tag.

</p>

## height and width

<style>

 div {

 height: 150px;

 width: 75px;

 background-color: gold;

 }

</style>

## max-height and max-width

<style>

 div {

 max-height: 150px;

 max-width: 75px;

 background-color: gold;

 }

</style>

## min-height and min-width

<style>

 div {

 min-height: 150px;

 min-width: 75px;

 background-color: gold;

 }

</style>

## Background Color

<style>

 div {

 padding: 20px;

 background-color: yellow;

 }

</style>

## Background Image

<style>

 div {

 padding: 70px;

 background-image: url("/pix/samples/bg2.png");

 }

</style>

## Background no Repeat

<style>

 div {

 padding: 70px;

 background-image: url("/pix/samples/bg2.png");

 background-repeat: no-repeat;

 }

</style>

## Background Position

<style>

 div {

 padding: 70px;

 background-image:url("/pix/samples/bg2.png");

 background-repeat:no-repeat;

 background-position: 100px;

 }

</style>

## Background Attachment

<style>

 div {

 padding: 70px;

 height: 70px;

 width: 150px;

 background-image: url("/pix/samples/bg2.png");

 overflow: auto;

 background-attachment: fixed;

 }

</style>

**set all the background**

<style>

 div {

 padding: 70px;

 height: 70px;

 width: 150px;

 background: url("/pix/samples/bg2.png") repeat fixed;

 overflow: auto;

 }

</style>

## Borders

<style>

 div {

 padding: 20px;

 border-width: 1px;

 border-style: solid;

 border-color: orange;

 }

</style>

### Border Styles

<style>

 div {

 padding: 5px;

 margin: 10px;

 text-align: center;

 border-color: orange;

 border-width: 4px;

 }

 .solid {

 border-style: solid;

 }

 .dotted {

 border-style: dotted;

 }

 .dashed {

 border-style: dashed;

 }

 .double {

 border-style: double;

 }

 .groove {

 border-style: groove;

 }

 .ridge {

 border-style: ridge;

 }

 .inset {

 border-style: inset;

 }

 .outset {

 border-style: outset;

 }

 .hidden {

 border-style: hidden;

 }

</style>

div class="solid">This 'div' has a border style of 'solid'.</div>

## Border Radius

<style>

 div {

 padding: 20px;

 border: 1px solid orange;

 border-radius: 8px;

 }

</style>

## Margins

<style>

 div {

 border: 10px solid lightblue;

 }

 div > p {

 border: 1px dotted orange;

 margin: 20px 50px 10px 30px;

 }

</style>

<div>

 <p>

 This text has a different sized margin for each side. It is nested within a 'div' with a border to make it easier to see the effect of the margin.

 </p>

</div>

## Padding

<style>

 div {

 background: gold;

 padding: 20px;

 }

 div > p {

 background: white;

 }

</style>

## List

<style>

 ul {

 font-size: 1.5em;

 list-style-type: circle;

 }

</style>

**square**

<ul>

 <li>List item one</li>

 <li>List item two</li>

 <li>List item three</li>

</ul>

<style>

 ul {

 font-size: 1.5em;

 list-style: square inside;

 }

</style>

## Unstyled Lists

<style>

 ul {

 font-size: 22px;

 margin: 0;

 padding-left: 0;

 list-style: none;

 }

</style>

## Float Left

<style>

 .float-left {

 float: left;

 padding: 20px;

 margin: 0 10px 10px 0;

 background: gold;

 }

</style>

<div class="float-left">

 Float left

</div>

## Aligning Boxes

<style>

 div {

 float: left;

 padding: 20px;

 }

 .gold {

 background: gold;

 }

 .limegreen {

 background: limegreen;

 }

 .orange {

 background: orange;

 }

</style>

<div class="gold">

 Gold

</div>

<div class="limegreen">

 Limegreen

</div>

<div class="orange">

 Orange

</div>

## Layers

<style>

 div {

 width: 80px;

 height: 100px;

 position: relative;

 }

 .infront {

 background-color: red;

 top: 10px;

 left: 80px;

 z-index: 2;

 }

 .behind {

 background-color: gold;

 top: -60px;

 left: 35px;

 z-index: 1;

 }

</style>

<div class="infront"></div>

<div class="behind"></div>

## Grid

<style>

body {

 display: grid;

 grid-template-areas:

 "header header header"

 "nav article ads"

 "footer footer footer";

 grid-template-rows: 60px 1fr 60px;

 grid-template-columns: 20% 1fr 15%;

 grid-gap: 10px;

 height: 100vh;

 margin: 0;

 }

header, footer, article, nav, div {

 padding: 20px;

 background: gold;

}

#pageHeader {

 grid-area: header;

}

#pageFooter {

 grid-area: footer;

}

#mainArticle {

 grid-area: article;

 }

#mainNav {

 grid-area: nav;

 }

#siteAds {

 grid-area: ads;

 }

</style>

<body>

 <header id="pageHeader">Header</header>

 <article id="mainArticle">Article</article>

 <nav id="mainNav">Nav</nav>

 <div id="siteAds">Ads</div>

 <footer id="pageFooter">Footer</footer>

**HTLM5**

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>*Title of the document*</title>
</head>

<body>
*Content of the document......*
</body>

</html>