## 

## 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>