

CSS

- **CSS** - cascading style sheets
- **CSS** - permite separar num documento HTML o conteúdo do estilo

Cascaded Style Sheets

Por ordem de prioridade:

- **Inline**

```
<h1 style="color: blue; font-style: italic"> texto em azul</h1>
```

- **Document level**

```
<head>  
  <style type="text/css">  
    H1 {color: blue; font-style: italic}  
  </style>  
</head>
```

- **Linked**

```
<head>  
  <link rel=stylesheet type="text/css"  
    href="http://www.site.com/styles/mystyle.css"  
  </link>  
</head>
```

Style Syntax

`Tag-selector {property:value1; property:value1 value2; ...}`

- Tag names in uppercase (convenção)
- Property in lowercase (convenção)
- Comentários: `/* isto é um comentário */`

Selectores

- **Mútiplos**

```
H1,H2,H3 {text-align: center}
```

- **Contexto**

```
OL LI {list-style: upper-alpha}  
OL OL LI { list-style: upper-roman}  
OL OL OL LI{ list-style: lower-alpha}
```

```
H1 EM, P STRONG {color: red}
```

- **Herança**

Propriedades de uma tag específica são herdadas da tag mãe, excepto as que são definidas especificamente

Exemplo:

```
BODY {color: blue}
```

Classes

- **Associadas a tags**

```
P.abstract {font-style: italic; left-margin: 0.5cm}
```

```
P.equation {font-family: Symbol; text-align: center}
```

- **Classes genéricas**

```
.italic {font-style: italic}
```

- **exemplo de aplicação:**

```
<p class=italic>  
<h1 class=italic>
```

Usando a tag id em vez da tag class

```
P1#italic {font-style: italic}  
#italic {font-style: italic}
```

- **exemplo de aplicação:**

```
<p id=italic>  
<h1 id=italic>
```

- limitação: não pode haver duas tag id iguais no documento HTML
- **Evitar usar**

Pseudo-classes

- Estão ligadas ao estado da tag
- Três estão associadas à tag <a>

```
A:link {color: blue}  
A:active {color: red}  
A:visited {color: green}
```

- Duas estão associadas à tag <p>

```
P:first-line {font-style:small-caps}  
P:first-letter {font-size: 200%; float: left}
```

Example: Setting the page margins

```
body { margin-left: 10%; margin-right: 10%; }
```


Setting left and right indents

```
body { margin-left: 10%; margin-right: 10%; }  
h1 { margin-left: -8%; }  
h2,h3,h4,h5,h6 { margin-left: -4%; }
```

First-line indent

```
p { text-indent: 2em; margin-top: 0; margin-bottom: 0; }
```

Controlling the font

- **Font styles**

```
em { font-style: italic; font-weight: bold; }
strong { text-transform: uppercase; font-weight: bold; }
```

- **Setting the font size**

```
h1 { font-size: 200%; }
h2 { font-size: 150%; }
h3 { font-size: 100%; }
```

- **Setting the font family**

```
body { font-family: Verdana, sans-serif; }
h1,h2 { font-family: Garamond, "Times New Roman", serif; }
```

Adding borders and backgrounds

```
div.box { border: solid; border-width: thin; width: 100% }
```

- **Exemplo:**

```
<div class="box">
```

The content within this DIV element will be enclosed in a box with a thin line around it.

```
</div>
```

Setting Colors

```
body {  
    color: black;  
    background: white;  
}  
strong { color: red }
```

Setting Link Colors

```
a:link { color: rgb(0, 0, 153) } /* for unvisited links */  
a:visited { color: rgb(153, 0, 153) } /* for visited links */  
a:active { color: rgb(255, 0, 102) } /* when link is clicked */  
a:hover { color: rgb(0, 96, 255) } /* when mouse is over link */
```

A Real Example!

```
/**
 *
 * TITLE : Gila Screen Stylesheet
 * AUTHOR: http://www.oswd.org/userinfo.phtml?user=haran
 *
 * Modified by Steve for various reasons.
 *
 */

/* ##### Common Styles ##### */

body {
  color: black;
  background-color: white;
  font-family: verdana, helvetica, arial, sans-serif;
  font-size: 73%; /* Enables font size scaling in MSIE */
  margin: 0;
  padding: 0;
}

html > body {
```

```
    font-size: 9pt;
}

acronym, .titleTip {
    border-bottom: 1px dotted rgb(168,140,83);
    cursor: help;
    margin: 0;
    padding: 0;
}

.doNotDisplay {
    display: none !important;
}

.smallCaps {
    font-size: 117%;
    font-variant: small-caps;
}

/* ##### Header ##### */

.superHeader {
    color: rgb(130,128,154);
```



```
background-color: rgb(33,50,66);
text-align: right;
margin: 0;
padding: 0.5ex 10px;
}
```

```
.superHeader span {
color: rgb(195,196,210);
background-color: transparent;
font-weight: bold;
text-transform: uppercase;
}
```

```
.superHeader a {
color: rgb(195,196,210);
background-color: transparent;
text-decoration: none;
margin: 0;
padding: 0 0.25ex 0 0;
}
```

```
.superHeader a:hover {
color: rgb(193,102,90);
background-color: transparent;
text-decoration: none;
}
```

```
}

/* Colour here is for the menu */
.midHeader {
  color: black;
  background-color: #de0451;
  margin: 0;
  padding: 0.26ex 10px;
}

.headerTitle {
  font-size: 300%;
  margin: 0;
  padding: 0;
}

.headerSubTitle {
  font-size: 125%;
  font-weight: normal;
  font-style: italic;
  margin: 0 0 1ex 0;
  padding: 0;
}

.headerLinks {
```

```
text-align: right;
margin: 0;
padding: 0 0 2ex 0;
position: absolute;
right: 1.5em;
top: 3.5em;
}

.headerLinks a {
color: white;
background-color: transparent;
text-decoration: none;
margin: 0;
padding: 0 0 0.5ex 0;
display: block;
}

.headerLinks a:hover {
color: rgb(195,196,210);
background-color: transparent;
}

.subHeader {
color: white;
background-color: #ce0441;
```

```
margin: 0;
padding: 0.5ex 10px;
}

.subHeader a, .subHeader .highlight {
color: white;
background-color: transparent;
font-size: 110%;
font-weight: bold;
text-decoration: none;
margin: 0;
padding: 0 0.25ex 0 0;
}

.subHeader a:hover, .subHeader .highlight {
color: rgb(255,204,0);
background-color: transparent;
text-decoration: none;
}

/* ##### Left Side Bar ##### */

.leftSideBar {
}
```

```
.leftSideBar .sideBarTitle {  
  color: rgb(64,64,64);  
  background-color: rgb(230,223,207);  
  font-weight: bold;  
  margin: 0;  
  padding: 0.8ex 1ex;  
}
```

```
.leftSideBar ul {  
  list-style-type: none;  
  list-style-position: outside;  
  margin: 0 0 1em 0;  
  padding: 0;  
}
```

```
.leftSideBar li {  
  margin: 1ex;  
  padding: 0 0 1.25ex 0.75ex;  
  font-size: 95%;  
}
```

```
.leftSideBar p {  
  font-size: 95%;  
}
```

```
.leftSideBar a {
  color: rgb(166,140,83);
  background-color: transparent;
  text-decoration: none;
}

.leftSideBar a:hover {
  color: rgb(64,64,64);
  background-color: transparent;
  text-decoration: none;
}

.leftSideBar .sideBarText {
  color: rgb(166,140,83);
  background-color: transparent;
  line-height: 1.25em;
  margin: 1ex 0.25ex 1.5em 0.75ex;
  padding: 0;
  display: block;
}

.leftSideBar .sideBarText a:hover {
  text-decoration: none;
}
```

```
.leftSideBar .thisPage {
  color: rgb(64,64,64);
  background-color: transparent;
  font-weight: bold;
}

/* ##### Right Side Bar ##### */

.rightSideBar {
  padding: 0;
}

[class~="rightSideBar"] {
  margin-right: 1.5ex;
}

.rightSideBar .sideBarTitle {
  color: black;
  background-color: rgb(230,223,207);
  font-weight: bold;
  margin: 1.25ex 1ex;
  padding: 0.9ex 1ex;
}
```

```
.rightSideBar a {  
  color: rgb(166,140,83);  
  background-color: transparent;  
  font-weight: bold;  
}
```

```
.rightSideBar a:hover {  
  text-decoration: none;  
}
```

```
.rightSideBar .sideBarText {  
  line-height: 1.5em;  
  margin: 0;  
  padding: 0 2ex 1em 2ex;  
}
```

```
.rightSideBar .more {  
  text-decoration: none;  
  text-align: right;  
  margin: 0;  
  padding: 2em 2ex 2em 2ex;  
  display: block;  
}
```



```
/* ##### Main Copy ##### */

#main-copy {
  color: black;
  background-color: white;
  text-align: justify;
  line-height: 1.5em;
  padding: 0.5ex 0.5ex 1em 1em;
  border-left: 1px solid rgb(216,210,195);
}

#main-copy h1 {
  background-color: transparent;
  font-family: arial, verdana, helvetica, sans-serif;
  font-size: 175%;
  font-weight: bold;
  font-style: italic;
  text-align: left;
  margin: 1em 0 0 0;

  padding-top: 0;
  padding: 1em 0 0 0;
}

#main-copy h3 {
```

```
    border-bottom: 1px solid #aaaaaa;
}
#main-copy a {
    color: rgb(168,140,83);
    background-color: transparent;
}

#main-copy a:hover {
    text-decoration: none;
}

#main-copy a[name] {
    color: black;
}

p {
    margin: 1em 0 1.5em 0;
    padding: 0;
}

dt {
    font-weight: bold;
    margin: 0;
    padding: 0 0 0.5ex 0;
```

```
}

dd {
  margin: 0 0 1.5em 1.5em;
  padding: 0;
}

/* ##### Footer ##### */

#footer {
  color: black;
  font-size: 92%;
  text-align: center;
  line-height: 1.25em;
  margin: 0;
  padding: 1em 4mm 1em 4mm;
  clear: both;
  border-top: 1px solid rgb(216,210,195);
}

#footer div {
  margin: 0;
  padding: 0 0 1em 0;
}
```

```
#footer a {
  color: black;
  background-color: transparent;
  font-weight: bold;
}

#footer a:hover {
  text-decoration: none;
}

pre {
  overflow: auto;
  width: 90%;
  background: rgb(230,230,230);
  border: solid;
  border-width: thin;
}

#comments table,td,tr {
  color: black;
  background-color: white;
  text-decoration: none;
}
```