

Tecnologias Web

3ª AULA, 26 de fevereiro

WWW

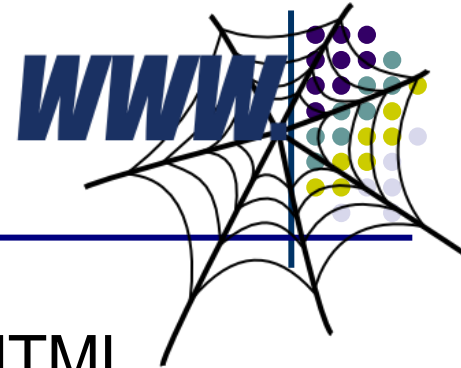
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CSS1 Cascading Style Sheet



CSS permite a formatação de documentos HTML

Interna: utilização através do elemento `<style>` dentro do `<head>`

```
<HEAD>  
  <STYLE type="text/css">  
    body {color: black}  
  </STYLE>  
</HEAD>
```

Externa: utilização folhas de estilo (style sheet) autonomas

```
<HEAD>  
  <LINK href="definicoes.css" rel="stylesheet" type="text/css">  
</HEAD>
```

Inline: utilização atributo `style` no elemento

```
<p style="background-color:#808040; color:#D8FD02; font-size:24pt; letter-spacing:3px;"> Paragrafo </p>
```

CSS1 Cascading Style Sheet



Ordem de prioridade

1. Folhas de estilo *inline* <https://monc.se/kitchen/38/cascading-order-and-inheritance-in-css/>
2. Folhas estilo internas, definida no elemento <HEAD>
3. Folhas de estilo externas, definida um folha de estilo autónoma
4. Formatação pré definida pelo *browser*

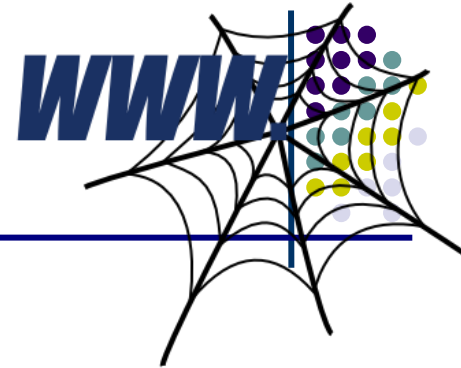
Sintaxe básica

selector { propriedade: valor }
selector = elemento (marca inicial)
propriedade = atributo do elemento HTML
valor = valor a utilizar

Exemplo:

```
body {color: black; background-color:#808040;}
```

CSS1 Cascading Style Sheet



Propriedades

Cor

color
background-color
background-image
background-repeat
background-attachment
background-position
background

Font

font-size
font-family
font-variant
font-size-adjust
font-style
font-weight
font

Texto

text-indent
text-align
text-decoration
letter-spacing
text-transform

List

list-style
list-style-position
list-style-type
list-style-image

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Agrupamentos

Selector1, selector2 { propriedade: valor }
selector = elemento (ex: HTML *tag*)
propriedade = atributo do elemento
valor = valor a utilizar

Exemplo:

h1, h2, h3 {color: blue; background-color: #808040;}

Classes

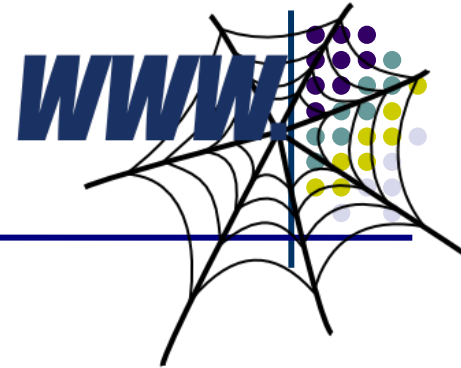
Selector1.classe { propriedade: valor }
selector = elemento (ex: HTML *tag*)
propriedade = atributo do elemento HTML
valor = valor a utilizar

Exemplo:

h1.centro { text-align: "center";}

h1.esq { text-align: "left";} <h1 class="esq"> Título à esquerda </h1>

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Diversos

. centro {text-align:center;}

`<h1 class="centro"> Título centrado </h1>`

input.texto {background-color: blue}

`<input class="texto" type="text" name="VAR1" />`

#imp {background-color: red}

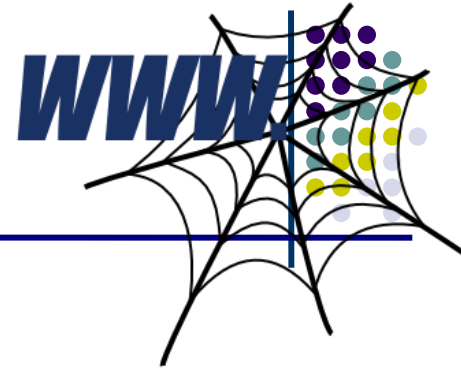
`<input id="imp" type="submit" value="OK"/>`

ATENÇÃO:

Pseudo elementos, pseudo classes

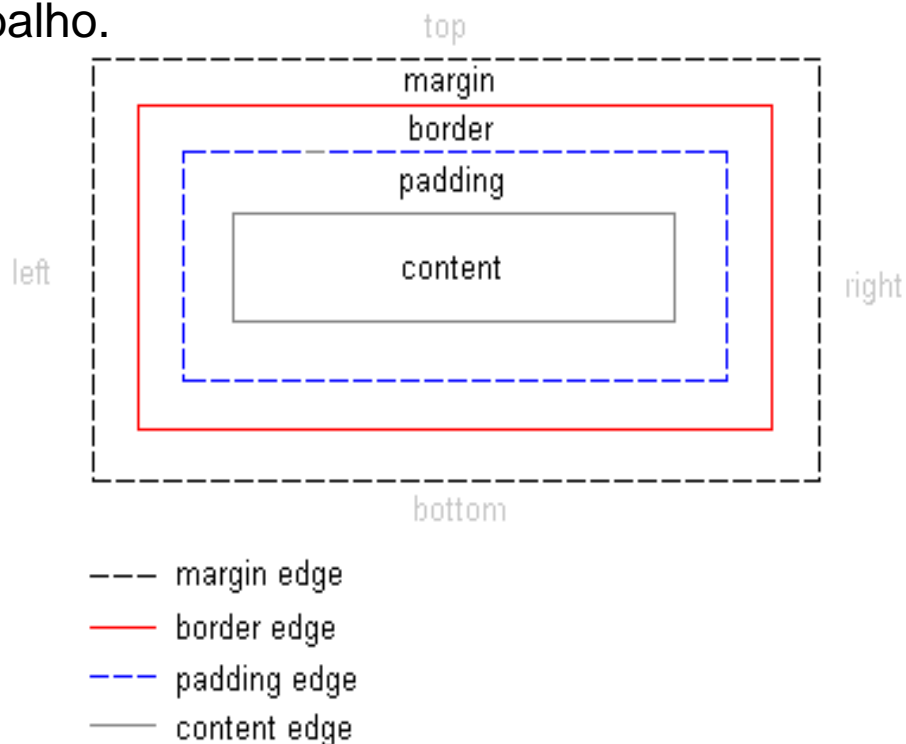
Os elementos `` e `<div>` permitem estender as potencialidades do CSS na composição visual dos documentos escritos *markup languages* (Ex: do HTML)

CSS1 Cascading Style Sheet



Box Model

O CSS permite, em elementos de HTML, redefinir áreas de trabalho.



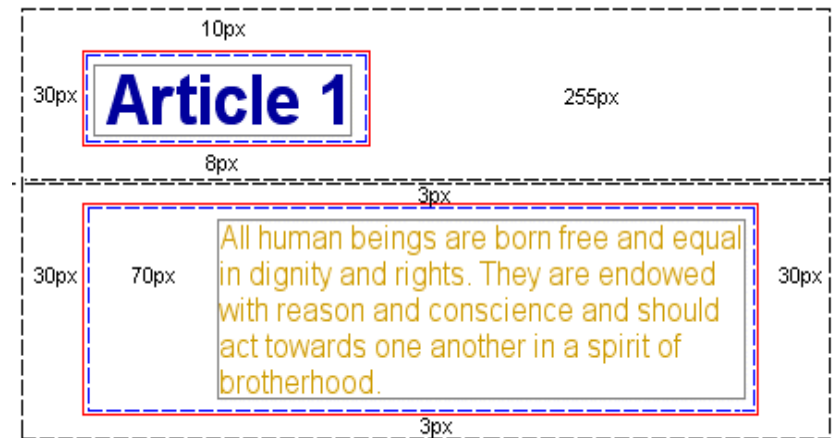
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Box Model

Article 1

All human beings are born free and equal in dignity and rights. They are endowed with reason and conscience and should act towards one another in a spirit of brotherhood.

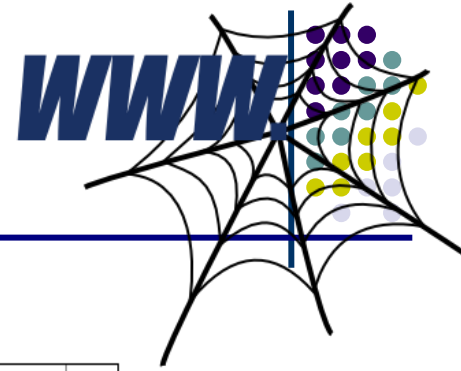


```
<h1>Article 1</h1>
```

```
<p>All human beings are born free and equal in  
dignity and rights. They are endowed with reason and  
conscience and should act towards one another in a  
spirit of brotherhood</p>
```

Exemplo retirado: <http://pt-br.html.net/tutorials/css/>

CSS1 Cascading Style Sheet



Box Model - Margin e

Padding

Margin

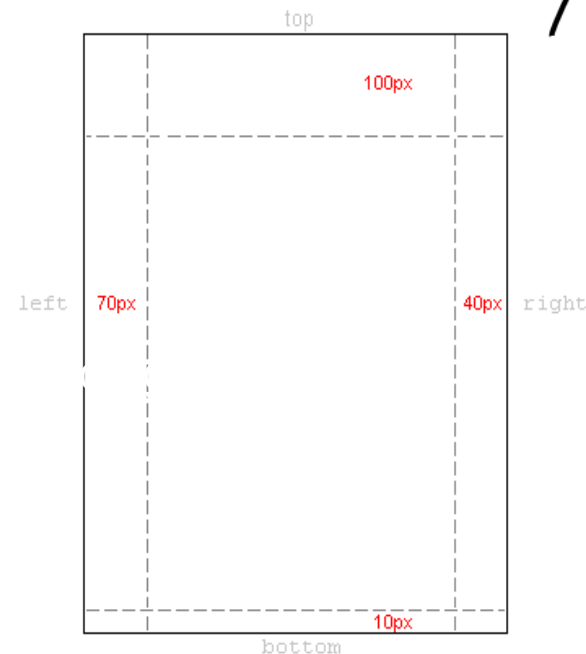
margin-top: 100px;
margin-right: 40px;
margin-bottom: 10px;
margin-left: 70px;

Padding

padding-top: 100px;
padding-right: 40px;
padding-bottom: 10px;
padding-left: 70px;

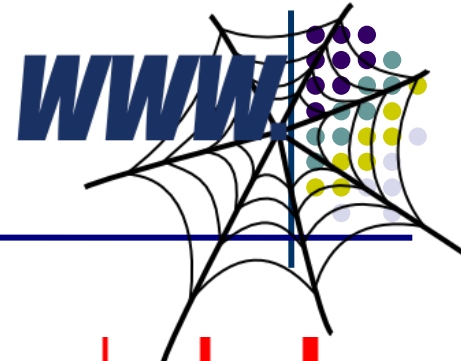
Exemplos:

```
body { margin-top: 100px;  
      margin-right: 40px;  
      margin-bottom:  
          10px;  
      margin-left: 70px;  
}
```



```
h2 { padding-left: 120px;  
      padding-top: 20px;  
      padding-right: 20px;  
      padding-bottom: 20px;  
}
```

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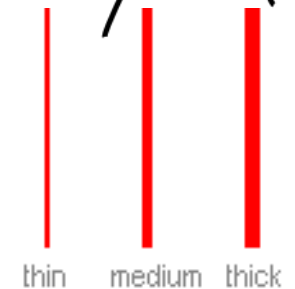
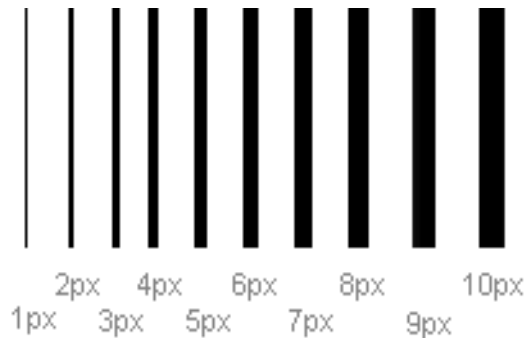
Box Model - Bordas

Border

border-width

border.-style

border-color



border-style:{ dotted | dashed | solid | double | groove | ridge | inset | outset }

Exemplos:

```
h1 { border-width: thick;
      border-style: dotted;
      border-color: gold;
    }
```

```
ul { border-width: thin;
      border-style: solid;
      border-color: orange;
    }
```

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Box Model - Altura, Largura e float

width
height

Exemplos:

```
h1 { border-width: thick;
      width: 1000 px;
      height: 700 px;
      border-color: gold;
    }

div.box {
  width: 200px;
  border: 1px solid black;
  background-color: orange;
}
```

float
clear

Exemplo:

```
#picture { float:left;
           width: 100px;
}
```

float: { left | right | none }
clear: { left | right | both | none }

```
<div id="picture">

</div>

<p>Bill Gates dono da MS ..</p>
```



Perguntas?