



HTML CSS

Informatiekunde – F. Truyen

CSS

- Cascading Stylesheets
 - Om layout aan een HTML pagina te geven, op een manier die inhoud van layout scheidt
 - CSS Selectors geven aan op welk deel van de pagina je een layout instructie toepast
 - Cascading: de stijlen worden overgeërfd
 - 3 manieren om stijlen aan een pagina te hechten:
 - Inline stijlen via style=" " attribuut
 - In de HTML Header via <style> ... </style>
 - In een apart CSS bestand (.css) en een link tag

CSS voorbeelden

- Inline stijlen
 - `<p style="color:blue;margin-left:20px;">This is a paragraph.</p>`
- In Header Element
 - `<head>`
`<style type="text/css">`
 `body {background-color:yellow;}`
 `p {color:blue;}`
`</style>`
`</head>`

CSS Examples

- Extern Stylesheet bestand (.css)
- Link in HTML:
 - `<head>`
 `<link rel="stylesheet" type="text/css" href="mystyle.css">`
 `</head>`
- Stylesheet inhoud:
 - `body {background-color:yellow;}`
 - `p {color:blue;}`
 - `a {text-decoration:none;}`
 - `a:link {color:#FF0000;} /* unvisited link */`
 - `a:visited {color:#00FF00;} /* visited link */`

CSS Selectors

- Any HTML Element
 - body
 - h1
 - p
 - a
 - li
 - ...
- id selector: #myparagraph1 #mainimage
- class selector: .citation .french .highlight

CSS Box Model

- The CSS box model is in essence een “doos” rond de HTML elementen, bestaat uit: margins, borders, padding, and de inhoud.



Voorbeeld CSS Box Model

- `div.ex`
- `{`
- `width:220px;`
- `padding:10px;`
- `border:5px solid gray;`
- `margin:0px;`
- `}`

Blokken

- Om pagina te structureren

Tag: `<div> ... </div>`

Voorbeeld:

```
<div style="color:#0000FF">  
  <h3>This is a heading in a div element</h3>  
  <p>This is some text in a div element</p>  
</div>
```

```
<div id="header">
  <h1>Informatiekunde</h1>
</div>
<div id="menu">
  <ul>
    <li><a href="http://www.kuleuven.be">Home</a></li>
    <li>Contact</li>
    <li><a href="html.htm">HTML</a></li>
    <li>CSS</li>
  </ul>
</div>
<div id="content">
<h2>HTML</h2>
<p>HTML is a markup language for describing web
documents (web pages). HTML stands for Hyper Text
Markup Language. A markup language is a set of markup
tags. HTML documents are described by HTML tags. Each
HTML tag describes different document content.</p>
</div>
```

```
<style type="text/css">
body
{ width:500px; background-color:#ccfff ; margin: 10px; Font-family: Arial, Sans-serif; }
div#header { width:100%; }
div#menu { background-color:#3399ff;width:100px;float:left;}
div#content { background-color:#FFD700;height:400px;width:400px;float:left; }
#header h1 { background-color:#FFA500; padding:10px; margin 10px; border 10px; border-style:
solid; border-color: red; color: blue; font-family: Verdana, Sans-Serif; text-align:center;}
#content p { color: #002b80; padding-left: 10px;}
#content h2 { color: #002b80; padding-left: 10px; font-weight:bold; font-size: 16pt; }
#menu ul { padding-left: 10px; }
#menu li { list-style-type: none; }
#menu a { text-decoration: none; }
#menu a:visited { text-decoration: none; color: green; }
#menu a:link { text-decoration: none; color: red; }
</style>
```

Edit This Code:

See Result »

Result:

```
<!DOCTYPE html>
<html>
<head>
<style type="text/css">
body
{ width:500px; background-color:#ccffff ; margin: 10px; Font-
family: Arial, Sans-serif; }
div#header { width:100%; }
div#menu { background-color:#3399ff;width:100px;float:left;}
div#content { background-
color:#FFD700;height:400px;width:400px;float:left; }
#header h1 { background-color:#FFA500; padding:10px; margin
10px; border 10px; border-style: solid; border-color: red;
color: blue; font-family: Verdana, Sans-Serif; text-
align:center;}
#content p { color: #002b80; padding-left: 10px;}
#content h2 { color: #002b80; padding-left: 10px; font-
weight:bold; font-size: 16pt; }
#menu ul { padding-left: 10px; }
#menu li { list-style-type: none; }
#menu a { text-decoration: none; }
#menu a:visited { text-decoration: none; color: green; }
#menu a:link { text-decoration: none; color: red; }
</style>
</head>
<body>
|
<div id="header">
  <h1>Informatiekunde</h1>
```

Informatiekunde

Home
Contact
HTML
CSS

HTML

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Detail

body

```
{ width:500px; background-color:#ccffff ; margin: 10px; Font-family: Arial, Sans-serif; }
```

Detail

```
div#header { width:100%; }  
div#menu { background-  
color:#3399ff;width:100px;float:left;}  
div#content { background-  
color:#FFD700;height:400px;width:400px;float:left; }
```

Detail

```
#header h1 { background-color:#FFA500; padding:10px; margin 10px;  
border 10px; border-style: solid; border-color: red; color: blue; font-  
family: Verdana, Sans-Serif; text-align:center;}
```

```
#content p { color: #002b80; padding-left: 10px;}  
#content h2 { color: #002b80; padding-left: 10px; font-weight:bold; font-  
size: 16pt; }
```

```
#menu ul { padding-left: 10px; }  
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Detail

```
#menu a { text-decoration: none; }  
#menu a:visited { text-decoration: none; color: green; }  
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[Home](#)
[Contact](#)
[HTML](#)
[CSS](#)

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