



HTML

XHTML & CSS

HTML

Inhalt semantisch beschreiben

“Das ist betont”

CSS

Inhalt formatieren

“Betonter Text wird fett gedruckt”

XHTML Syntax

`<tag attribut="wert"> Inhalt </tag>`

`<tag />`

Kleinschreibung

Anführungszeichen

Tags schließen, korrekt verschachteln

XHTML Grundgerüst

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!DOCTYPE html
```

```
  PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
```

```
  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml"
```

```
  xml:lang="de" lang="de">
```

```
  <head>
```

```
    <meta http-equiv="Content-Type"
```

```
      content="text/html; charset=utf-8" />
```

```
    <title>Hallo Welt</title>
```

```
  </head>
```

```
  <body>
```

```
    Ich bin der Inhalt.
```

```
  </body>
```

```
</html>
```

Strict vs Transitional

Kein: <s> <center> ... <iframe>

Kein Link-Target

Standards vs. Quirks

Files

Mimetype

text/html

application/xhtml+xml

Encoding

HTTP Header

XML Declaration

Meta-Tag

Wichtige Tags

Struktur <html> <head> <body> <title> <meta>

CSS & JS <style> <link> <script>

Container <div>

Absätze <p>

Schrift <h1> ... <h6>

Listen <dl> <dt> <dd>

Links <a>

Multimedia <object>

Tabellen <table> <thead> <th> <tbody>
<tr> <td>

Formulare <form> <label> <input />
<textarea> <select> <option>

Seltene Tags

<hr />

<q> <blockquote>

<address>

<cite>

<var> <kbd> ...

<abbr> <acronym>

<code> <pre>

<sub> <sup>

 <ins>

<colgroup> <col>

Wichtige Attribute

id, class

style

lang & xml:lang

title

Absolute, relative Pfade, URLs

Wichtige Tags

| | |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Struktur | <code><html></code> <code><head></code> <code><body></code> <code><title></code> <code><meta></code> |
| CSS & JS | <code><style></code> <code><link></code> <code><script></code> |
| Container | <code><div></code> <code></code> |
| Absätze | <code><p></code> <code>
</code> |
| Schrift | <code><h1></code> ... <code><h6></code> <code></code> <code></code> |
| Listen | <code></code> <code></code> <code></code> <code><dl></code> <code><dt></code> <code><dd></code> |
| Links | <code><a></code> |
| Multimedia | <code></code> <code><object></code> |
| Tabellen | <code><table></code> <code><thead></code> <code><th></code> <code><tbody></code>
<code><tr></code> <code><td></code> |
| Formulare | <code><form></code> <code><label></code> <code><input /></code>
<code><textarea></code> <code><select></code> <code><option></code> |

Wichtige Tags

Container `<div>` ``

Generische Container
Verwendung minimieren

Wichtige Tags

Absätze `<p>` `
`

Schrift `<h1>` ... `<h6>` `` ``

```
<h1>Mein Beispiel</h1>
```

```
<p>
```

```
Ein Absatz mit <em>wichtigem Text</em>.<br />
```

```
Und noch eine Zeile.
```

```
</p>
```

Wichtige Tags

Listen `` `` `` `<dl>` `<dt>` `<dd>`

```
<ul>  
  <li>Element</li>  
  <li>Element</li>  
</ul>
```

```
<dl>  
  <dt>Term</dt>  
  <dd>Definition 1</dd>  
  <dd>Definition 2</dd>  
</dl>
```


Wichtige Tags

Links <a>

```
<a href="http://bla.com/bla">Linktext</a>
```

Wichtige Tags

Multimedia `` `<object>`

```

```

alt ist Pflicht!

Wichtige Tags

Tabellen `<table>` `<thead>` `<th>` `<tbody>`
 `<tr>` `<td>`

```
<table>
  <thead>
    <tr> <th>Header</th> </tr>
  </thead>
  <tbody>
    <tr> <td>Zelle</td> </tr>
  </tbody>
</table>
```

Wichtige Tags

Formulare `<form>` `<input />` `<label>`
`<textarea>` `<select>` `<option>`

`form` `action = target` `method = get/post`
`input` `type = text/password/submit/button/
radio/checkbox`

`name, value` `disabled, checked`

`<fieldset>` `<legend>`

Microformats

hCard & hCalendar

```
BEGIN:VCARD  
VERSION:3.0  
N:Çelik;Tantek  
FN:Tantek Çelik  
URL:http://tantek.com/  
ORG:Technorati  
END:VCARD
```





CSS

Stylesheets

Agent

Author

User

Alternate stylesheets

Anwendung

Extern

```
<link rel="stylesheet" href="datei.css"  
      type="text/css" />
```

Style-Tag

```
<style type="text/css"> ... </style>
```

Inline

```
style="..."
```

Selektoren

```
selektor {  
    attribut: wert;  
    attribut: wert;  
}
```

Selektoren

Eindeutige IDs

`<div id="logo">`

`#logo`

Klassen

``

`.name`

Tags

`<h1>`

`h1`

Selektoren

tag#id.klasse

z.B: #logo .name p.wichtig
h1#logo

tag#id.klasse[attribut]
[attribut=wert]

z.B: input[type=submit]

Selektoren

Kombination:

selektor1, selektor2

Hierarchie:

selektor1 selektor2

selektor1 + selektor2

selektor1 > selektor2

Einheiten

Abstände & Größen

px pt em % cm in ...

z.B.: `border-right:20px; font-size:.8em;`

Farben

`#AABBCC #ABC rgb(1,2,3) farbnamen`

z.B.: `border-color:black;`

URL

`url('datei.ext')`

z.B. `background-image:url('bg.gif');`

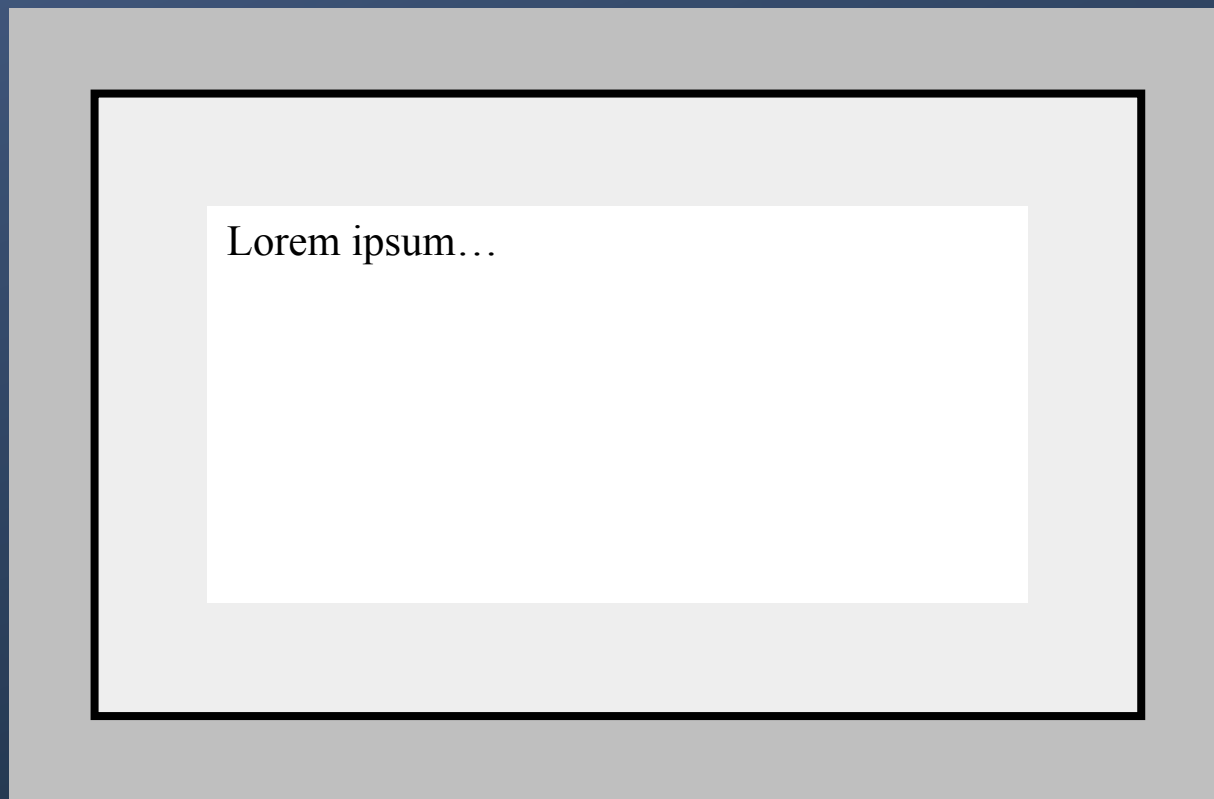
Keywords

normal font-weight, etc

auto

inherit

Box Model



margin
border
padding

width `!auto` IE 5
width `!auto` Standard



Cascading & Spezifität

Attribute vererben sich

Achtung bei font-sizes in em

Genauerere Selektoren gewinnen

Style-Attribute gewinnen

!important

z.B: `color: red !important;`

Wichtige Eigenschaften

| | |
|----------------|------------------------------------------------------------------------------------------------------------------------|
| Anzeige | display visibility |
| Positionierung | position left right top bottom
width height float clear z-index |
| Container | border margin padding
-right/-left/-top/-bottom
overflow opacity |
| Typographie | font-family font-size font-style
font-weight color letter-spacing
text-decoration
line-height line-indent ... |
| Hintergrund | background-color background-
image background-attachment |
| Druck | page-break-before |

Shortcuts

```
background-color: #fff;
```

```
background-image: url('bg.jpg');
```

```
background-position: top left;
```

```
background-repeat: no-repeat;
```

=

```
background: #fff url('bg.jpg') top left no-repeat;
```

Wichtige Eigenschaften

Positionierung position left right top bottom
width height float clear z-index

position
 (static)
 absolute
 relative
 fixed

min-width/min-height

Wichtige Eigenschaften

Anzeige display visibility

display: block
 inline
 none
 (list-item, table-cell, ...)

visibility: visible
 hidden

Wichtige Eigenschaften

Positionierung position left right top bottom
width height float clear z-index



float:left;



float:right;



float:left; (2x)

overflow: hidden;

clear: left / right / both;

Wichtige Eigenschaften

Container border margin padding
 -right/-left/-top/-bottom
 overflow opacity

Wichtige Eigenschaften

Typographie font-family font-size font-style
font-weight color letter-spacing
text-decoration
line-height line-indent ...

```
body {  
    font-size: 76%;  
}
```

```
h1 {  
    font-size: 1.5em;  
}
```

Wichtige Eigenschaften

Hintergrund background-color background-
image background-attachment

Pseudo-Selektoren

`:link`

`:visited`

`:hover`

`:active`

`:focus`

`:nth-child()`

`:after`

...

IE-Eigenheiten

height mind. 1em

float double left margin

3px jog

width/height wie min-width/min-height

Tipps

Klassen und IDs semantisch
.wichtig statt .redBold

Klassen minimieren, Hierarchie nützen

Spezifischer ist selbsterklärender:

#header #intro h1

#menu ul li

FireBug! getfirebug.com