
Mer html5

Håkon Tolsby



Krav til innlevering

- Utvikles i HTML5
- Være velformet og validert
- Benytte css
- Drop down menyer
- Basere seg på HTML5 tagger for sideoppsett:
<header> <nav> <article> <section> <footer> <aside>
- Innlevering Tirsdag: 5. september



Validering

- HTML5:

[http://validator.w3.org/#validate by uri](http://validator.w3.org/#validate_by_uri)

- CSS:

<http://jigsaw.w3.org/css-validator/>

<http://www.it.hiof.no/grit/forelesning/web5/menutest/html5-ekempel2.html>

<http://www.it.hiof.no/grit/forelesning/web5/menutest/style2.css>

<http://www.it.hiof.no/grit/forelesning/web6/error/error.html>



ESCAPE karakterer

< <
> >
& &
" "

Komplett liste:

<http://www.theukwebdesigncompany.com/articles/entity-escape-characters.php>



<iframe>

Brukes til å vise en webside innenfor en webside

```
<iframe src="http://maps.google.co.uk/maps?q=moma+new+york& " >  
</iframe>
```

Stilsett med CSS

<http://www.it.hiof.no/grit/forelesning/web6/testiframe.html>



Meny og iframe: JUKS

```
<nav>
  <ul>
    <li><a href="http://www.hiof.no" target="iframe1">HiØ</a></li>
    <li><a href="min.html" target="iframe1">Meg</a></li>
    <li><a href="http://www.aftenposten.no"
      target="iframe1">Aftenposten</a></li>
    <li><a href="http://www.vg.no" target="iframe1">VG</a></li>
  </ul>
</nav>
```

```
<iframe name="iframe1" src="http://www.hiof.no">
</iframe>
```

<http://www.it.hiof.no/grit/forelesning/web6/menuiframe.html>



<video>

```
<video
```

```
  src="video/AlanKeyD1987_512kb.mp4"
```

```
  poster="images/alan.jpg"
```

```
  width="350" height="350"
```

```
  preload="none"
```

```
  controls>
```

Your browser does not support the video tag.

```
</video>
```

Andre attributter: autoplay, loop

<http://www.it.hiof.no/grit/forelesning/web6/video-eksempel.html>



Multiple video sources - <source>

```
<video poster="images/puppy.jpg"  
  width="400" height="320" preload controls loop>  
  <source src="video/puppy.mp4"  
  type='video/mp4;codecs="avc1.42E01E, mp4a.40.2"' />  
  <source src="video/puppy.webm"  
  type='video/webm;codecs="vp8, vorbis"' />  
  
  <p>A video of a puppy playing in the snow</p>  
</video>
```

<http://www.htmlandcssbook.com/code-samples/chapter-09/multiple-video-sources.html>



<audio>

```
<audio src="audio/test-audio.ogg"  
  controls  
  autoplay>  
  <p>This browser does not support our audio format.</p>  
</audio>
```

Andre attributter: preload, loop

<http://www.htmlandcssbook.com/code-samples/chapter-09/adding-html5-audio.html>



Multiple audio sources - <source>

```
<audio controls autoplay>
```

```
  <source src="audio/test-audio.ogg" />
```

```
  <source src="audio/test-audio.mp3" />
```

```
  <p>This browser does not support our audio format.</p>
```

```
</audio>
```

<http://www.htmlandcssbook.com/code-samples/chapter-09/multiple-audio-sources.html>



Mediatyper

Med mediatyper spesifisert i stilsettet kan man spesifisere hvordan dokumentet skal vises i forskjellige media: på papir, skjermen, lyd osv.

Noen viktige mediatyper:

@media screen: dataskjermen

@media print: printere

@media projection: projekterte presentasjoner, slide-show

@media all: alle medier



Mediatyper brukt i css

```
@media screen{  
  p.test {font-family:verdana,sans-serif; font-size:14px}  
}
```

```
@media print{  
  p.test {font-family:times,serif; font-size:10px}  
}
```

```
@media screen,print{  
  p.test {font-weight:bold}  
}
```



Eksempler mediatyper

- <http://www.it.hiof.no/grit/forelesning/web6/mediatest1.html>
- <http://www.it.hiof.no/grit/forelesning/web6/mediatest2.html>
- <http://www.it.hiof.no/grit/forelesning/web6/mediatest3.html>



Sette bakgrunn til et element

1. background-color

```
body { background-color: #448855;}
```

2. background-image

```
body { background-image:url("images/bg_body.jpg");}  
p { background-image:url("images/small_steps.png");}
```

3. background-repeat:

repeat, repeat-x, repeat-y, no-repeat

4. background-attachment:

fixed, scroll

5. background-position:

Left top, left center, left bottom, center top, center center, center bottom,
right top, right center, right bottom

background: 1 2 3 4 5