

HTML og CSS lynraskt forklart

Hva er egentlig HTML?

- **HTML** = HyperText Markup Language
 - **HyperText**: Elektronisk tekst som inneholder koblinger til andre datafiler (SNL)
 - **Markup**: Tekst med ekstra formateringsinformasjon lagret i tags

«HyperText is like Text, but includes links to and from other hypertexts. »

– Tim Berners Lee

Elementer

Eksempelkode

```
1 <tag />
2
3 <tag>Innhold (child)</tag>
4
5 <tag>
6   <tag>
7     Man kan ha mange underelementer (children) under en tag.
8   </tag>
9   <tag>
10    Så mange man vil, faktisk.
11  </tag>
12 </tag>
```

Faktisk HTML

```
<title>Hypertext Links</title>
<h1>Links and Anchors</h1>
A link is the connection between one piece of
<a href=WhatIs.html>hypertext</a> and another.
```

Semantikk, best practice

Dos

```
<header>..</header>  
<section>..</section>  
<nav>..</nav>  
<article>..</article>  
<aside>..</aside>
```

Don'ts

```
<div id="header">..</div>  
<div class="section">..</div>  
<div id="navigation">..</div>  
<div class="article">..</div>  
<div id="sidebar">..</div>
```

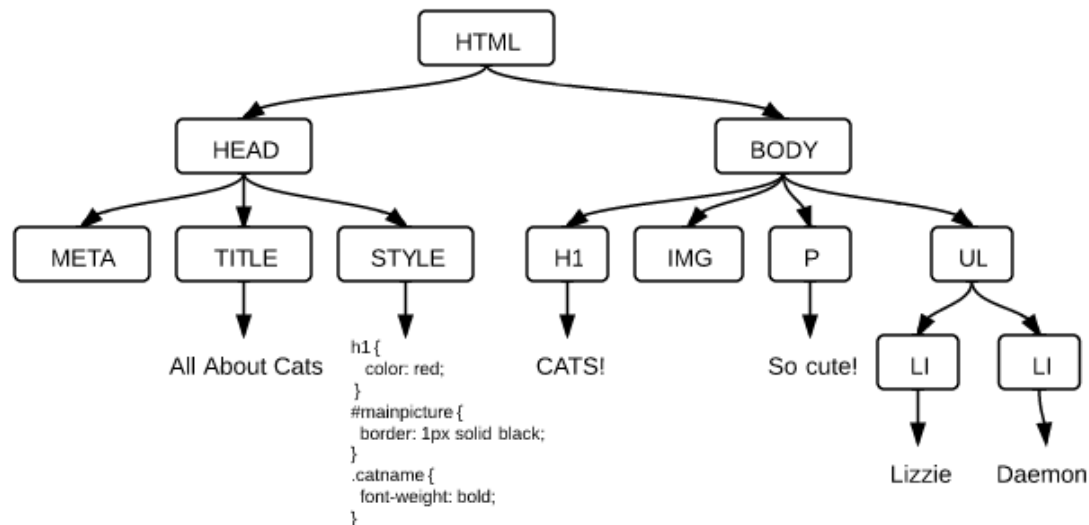
Head and body

- **Head:** Metadata om dokumentet
- **Body:** Det som vi ønsker å vise

```
1  <html lang="no">
2    <head></head>
3    <body></body>
4  </html>
```

DOM

Document Object Model



Hva er egentlig CSS?



Cascading Style Sheets

Utsende

Syntaks

```
selector {  
    property: value;  
}
```

Syntaks - element selector

```
h1 {  
    color: blue;  
}
```

Syntaks - id selector

```
<h1 id="overskrift">  
  Title  
</h1>
```

```
#overskrift {  
  color: blue;  
}
```

Syntaks - klasse selector

```
<h1 class="overskrift">  
  Title  
</h1>
```

```
.overskrift {  
  color: blue;  
}
```

Syntaks - pseudo klasse selector

```
.selector:pseudo {  
    property: value;  
}
```

```
.ok-knapp:hover {  
    background-color: white;  
}
```

HTML og CSS

```
<h1 style="property: value">  
    Some text  
</h1>
```

HTML og CSS

```
<head>
  <style>
    selector {
      property: value;
    }
  </style>
</head>
```

HTML og CSS

```
<head>  
  <link rel="stylesheet" href="style.css" />  
</head>
```


Spesifisitet

- Style satt direkte på HTML-element
- ID
- Klasse, pseudoklasse
- Element

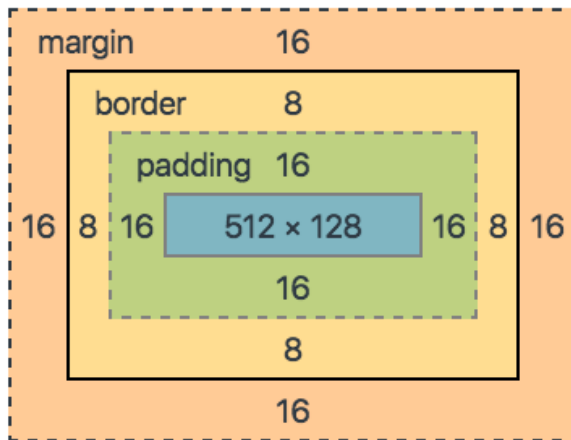
Spesifisitet

```
<h1 id="overskrift">  
  Title  
</h1>
```

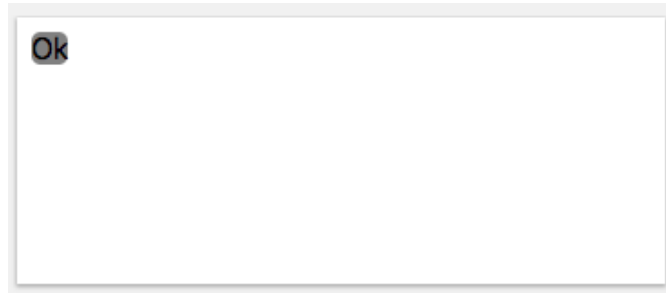
```
h1{  
  color: green;  
}
```

```
#overskrift {  
  color: blue;  
}
```

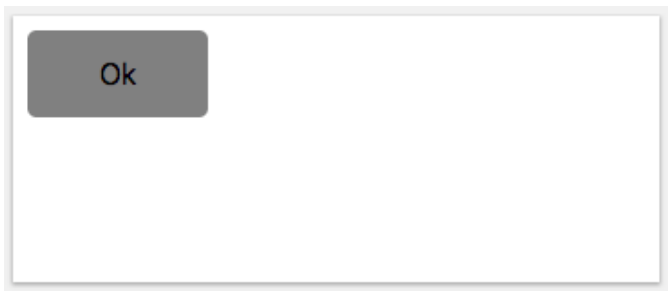
Box Model



Box Model

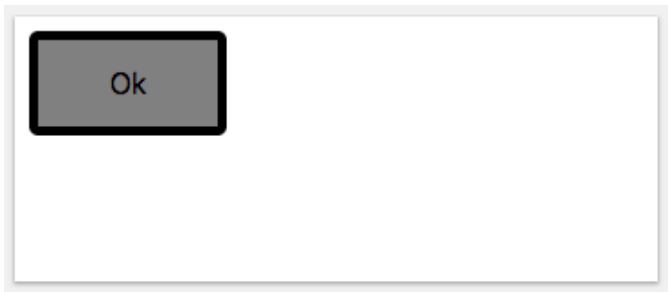


Box Model



```
button {  
  padding: 15px 40px;  
}
```

Box Model



```
button {  
  padding: 15px 40px;  
  border: 5px solid black;  
}
```

Box Model



```
button {  
  padding: 15px 40px;  
  border: 5px solid black;  
  border: 30px 120px;  
}
```

Opplegget



Her finner dere
oppgavene

<https://bekk.gitbook.io/web-intro/>



Kan du noe fra før eller
har forstått greia?

Hopp over det!



Ikke vær redd for å
spørre om hjelp

#frontend på slack