



FAGGRUPPE FRONTEND

Nailing styling and design

Møte 10.12.2020

Agenda

Litt teori HTML/CSS

Styling components i React

Litt teori design

Styling/design React app

Styling - litt teori

The CSS Box Model

All HTML elements can be considered as boxes. In CSS, the term "box model" is used when talking about design and layout.

The CSS box model is essentially a box that wraps around every HTML element. It consists of: margins, borders, padding, and the actual content. The image below illustrates the box model:



Explanation of the different parts:

- **Content** - The content of the box, where text and images appear
- **Padding** - Clears an area around the content. The padding is transparent
- **Border** - A border that goes around the padding and content
- **Margin** - Clears an area outside the border. The margin is transparent

Styling - litt teori

HTML

- 2 typer elementer: block og inline
- Block: div, p, h1-h6
- Inline: span, a, img
- Et block-element tar hele bredden
- Et inline-element tar bare det det omslutter

p-elementer

- margin-bottom: 1rem

h1-h6 elementer

- margin bottom og top: 1rem

Styling - flex

HTML

```
<Wrapper>
  <LeftContentWrapper>
    <Title>Ulriken App</Title>
  </LeftContentWrapper>
  <RightContentWrapper>
    <MenuWrapper>
      <MenuItem />
      <MenuItem />
      <MenuItem />
    </MenuWrapper>
    <AboutComponent />
  </RightContentWrapper>
</Wrapper>
```

Komponenter

- PageHeader.tsx
- PageHeader.styles.ts

Styling - flex

HTML

```
<Wrapper>
  <LeftContentWrapper>
    <Title>Ulriken App</Title>
  </LeftContentWrapper>
  <RightContentWrapper>
    <MenuWrapper>
      <MenuItem />
      <MenuItem />
      <MenuItem />
    </MenuWrapper>
    <AboutComponent />
  </RightContentWrapper>
</Wrapper>
```

Styled components

```
export const Wrapper = styled.div`
  display: flex;
  justify-content: space-between;
  align-items: center;
`;
```

Styling - flex

HTML

```
<Wrapper>
  <LeftContentWrapper>
    <Title>Ulriken App</Title>
  </LeftContentWrapper>
  <RightContentWrapper>
    <MenuWrapper>
      <MenuItem />
      <MenuItem />
      <MenuItem />
    </MenuWrapper>
    <AboutComponent />
  </RightContentWrapper>
</Wrapper>
```

Styled components

```
export const LeftContentWrapper = styled.div`
  flex: 0 0 40%;
  max-width: 40%;
`;
```

Styling - flex

HTML

```
<Wrapper>
  <LeftContentWrapper>
    <Title>Ulriken App</Title>
  </LeftContentWrapper>
  <RightContentWrapper>
    <MenuWrapper>
      <MenuItem />
      <MenuItem />
      <MenuItem />
    </MenuWrapper>
    <AboutComponent />
  </RightContentWrapper>
</Wrapper>
```

Styled components

```
export const RightContentWrapper = styled.div`
  flex: 0 0 60%;
  max-width: 60%;
`;
```


Styling - flex

HTML

```
<Wrapper>
  <LeftContentWrapper>
    <Title>Ulriken App</Title>
  </LeftContentWrapper>
  <RightContentWrapper>
    <MenuWrapper>
      <MenuItem />
      <MenuItem />
      <MenuItem />
    </MenuWrapper>
    <AboutComponent />
  </RightContentWrapper>
</Wrapper>
```

Styled components

```
export const RightContentWrapper = styled.div`
  flex: 0 0 60%;
  max-width: 60%;
  display: flex;
  justify-content: space-between;
`;
```

Design - less is more

Generelt for styling av side

- Unngå for mange farger
 - 2-3 farger er nok
 - Bruk gjerne en fargenyanse en del svakere enn en av hovedfargene
 - Bruk en svak fargenyanse i kantlinjer, bakgrunn i rader for tabell/liste, inputfelter i forms
- Padding
 - Alltid ha avstand mellom elementene!
 - Overalt!! :)

Design - less is more

Tabell

- Unngå for store fargeforskjeller mellom radene
- Unngå tydelige kantlinjer (border)
 - Velg en kantlinje som avviker minimalt fra bakgrunn
- Padding i tabellceller:
 - Velg dobbel bredde i forhold til høyden
 - f.eks: padding: 3px 6px;

<https://www.darkhorseanalytics.com/blog/clear-off-the-table/>

Design - less is more

Eksempel hvis hovedfarge for siden er #6d3279

#	Produkt	Farge	Størrelse
0	T-Skjorte	Hvit	XL
1	T-Skjorte	Lilla	XL
2	T-Skjorte	Lilla	L
3	T-Skjorte	Lilla	M
4	T-Skjorte	Lilla	S
5	T-Skjorte	Mauve	XS
6	Krus	Hvit	
7	Krus	Lilla	
8	Krus	Sort	
9	Kopp	Sort	

Design - less is more

Skygge

- Unngå for kraftig skygge - litt skygge har ofte ønsket effekt
- box-shadow: venstre/høyre | opp/ned | blur | spread | farge;
- box-shadow: 0px 3px 5px -2px #ccc;

Design - less is more

Knapper

- Tips:
 - Lag en kantlinje som er litt mørkere enn bakgrunnen
Hvis bakgrunn er #ccc, kan kantlinjen være #bbb eller #aaa
 - Padding: 0.5rem 1rem - bredden er det dobbelte av høyden