



# Nettet er for alle!

#### **Universell utforming**

- hvorfor og hvordan

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Tom Widerøe Framsieutvikler og uu-predikant FINN.no

3 barn, 1 kone, 1 katt @twidero



### Hva skal jeg prate om?

- Hva er universell utforming (uu)?
- Hvem vi må huske på
- Hvordan gjøre det riktig





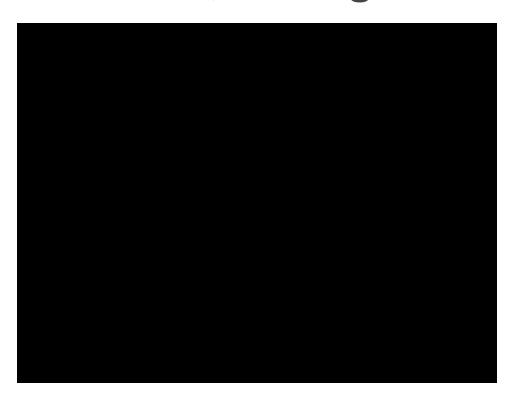
### Hva er universell utforming?







#### Plagsomt for noen, umulig for andre





# Universell utforming = Kvalitet









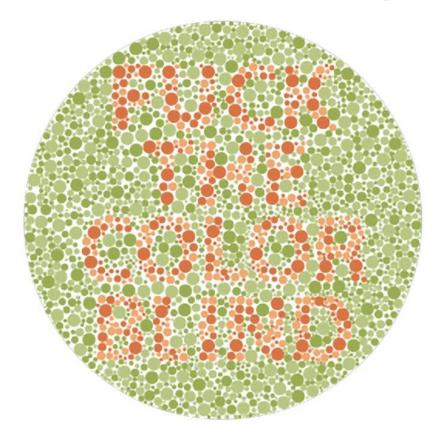








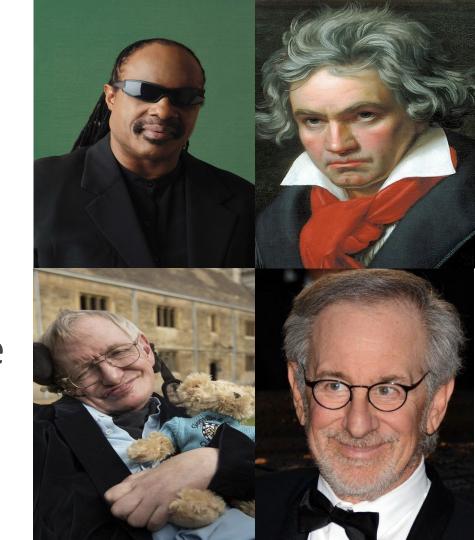
## Hvem bør vi tenke ekstra på?





# Hvem bør vi tenke ekstra på?

Synshemmede Hørselshemmede Bevegelseshemmede Kognitive





- Web Content Accessibility Guidelines (WCAG 2.0)
- 61 suksesskriterier, 35 lovpålagte
- uu.difi.no



#### WCAG 2.0 Guidelines

This section is normative.

Principle 1: Perceivable - Information and user interface components must be presentable to users in ways they can be presented by a perceive.

Guideline 1.1 Text Alternatives: Provide text alternatives for any non-text content so that it can be changed into other forms people need, such as large print, braille, speech, symbols or simpler language.

Linderstanding Guideline, L.I.

1.1.1 Non-text Content: All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below (Level A)

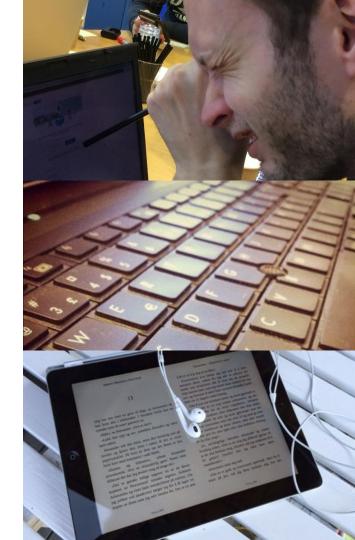
Star to Meet 1.1.1 Understanding 1.1.1

- Controls, Input: If non-text content is a control or accepts user input, then it has a name that describes its purpose (Refer to Curreline 4.5 for additional requirements for controls and content that accepts user input.)
- Time-Based Media: If non-lext content is time-based media, then text alternatives at least provide descriptive identification of the non-text content. (Refer to Guideline 1.2 fox additional requirements for media.)
- Text. It non-text content is a text or exercise that would be invalid if presented in text, then text alternatives at least provide descriptive identification of the non-host content.
- Sensory: If non-text content is primarily intended to create a specific sensory experience, then text alternatives at least provide descriptive identification of the non-text content.
- CAPTCHA: If the purpose of non-text content is to confirm that content is being accessed by a person rather than a computer, then
  two abstractives that identify and describe the purpose of the non-text content are provided, and alternative forms of CAPTCHA using
  satisful moders for different types of the room perception are provided to accommodate different deacheties.
- Concertion, Formatting, Invisible: If non-text content is gure decoration, is used only for visual formatting, or is not presented to users, then it is implemented in a way that it can be ignored by assistive technology.

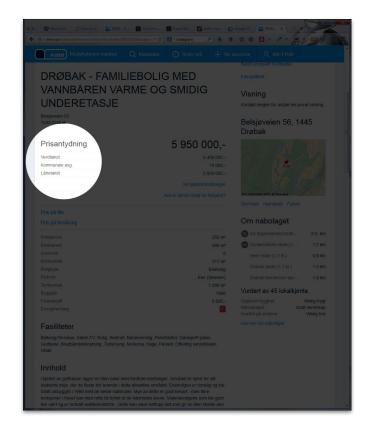
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5.5.5 Captions (Pransported): Captions are provided for all proceded audio content in synchronized media, except when the media is a make alternative for test and is closely lateral to facility. Seven Al.	More to Marc 1.4.2
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#### Morsommere å teste selv

- Sugerørstesten
- Tastenavigasjon
- Skjermleser



#### Sugerørstesten





### **Tastenavigasjon**

Alt skal funke uten å bruke mus



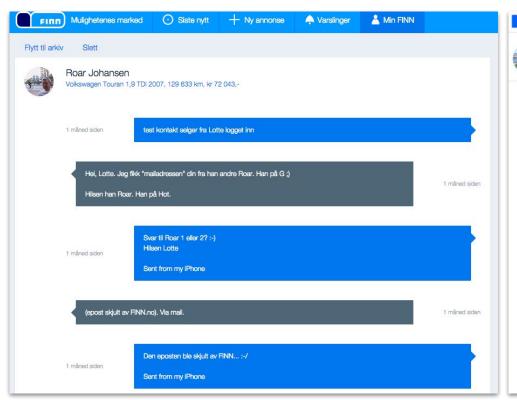
#### Skjermleser

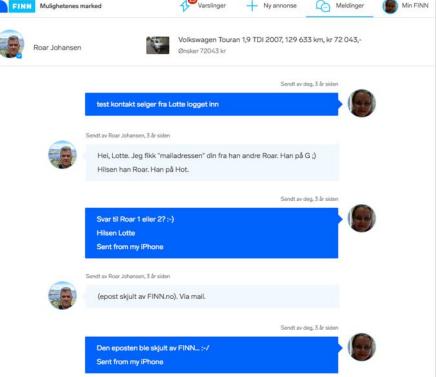
La maskinen lese for deg





#### Skjermleser - før og etter test







### Hovedregel: gjør det enkelt både for deg selv og brukeren

#### <div class="button">

- Skal se ut som en knapp
- Skal oppføre seg som en knapp
- Skal vise riktig musepeker
- Skal brukes fra tastaturet
- Skjermleser skal vite at det er en knapp
- +++

#### <but

Ferdig

#### Vil du vite mer?





Universell utforming av websider og IKT - Beste praksis web-a11y.slack.com



#a11y



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