

FED 24/25

# Media queries recap



# Media query recap

Grofweg is de workflow.

- Begin met mobile first.
- Maak het scherm breder en kijk of er iets ‘stuk’ gaat of ‘beter’ kan.
- Pas het ontwerp aan.
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- Pas het ontwerp aan.
- ...

# Sample

Een lay-out op een breder scherm van 1 kolom naar 2 kolommen laten veranderen met een media query.

## One-column

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Symphony  
Orchestra

Winter  
2007  
Season

Aaron Copland  
The Tender Land  
January 2007

Eric Satie  
Gymnopédie 1, 2  
February 2007

Madison State College  
Center for the Arts  
800 pgs

Johnson State College  
Sheldon Center for the Arts  
800 pgs

Johnson State College  
Sheldon Center for the Arts  
800 pgs

Carleton State College  
Fine Arts Center  
800 pgs

Lyndon State College  
Alexander Twilight Theater  
800 pgs

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Center for the Arts  
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A page layout grid (shown in white lines) composed of a series of intersecting vertical and horizontal grid lines. The text (content) is not

## Two-columns

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**Antecedents**  
Before the invention of movable type a system based on optimal proportions had been used to arrange handwritten text on pages. One such system, known as the Villard Diagram, was in use at least since medieval times.

**Evolution of the modern grid**  
After World War II, a number of graphic designers, including Max Bill, Emil Ruder, and Josef Müller-Brockmann, influenced by the modernist ideas of Jan Tschichold's Die neue Typographie (The New Typography), began to question the relevance of the conventional page layout of the time. They began to devise a flexible system able to help designers achieve coherency in organizing the page. The result was the modern typographic grid that became associated with the International Typographic

# Media query anatomie

## Fairy tales

A fairy tale, fairytale, wonder tale, magic tale, or Märchen is an instance of a folklore genre that takes the form of a short story. Such stories typically feature entities such as dwarfs, dragons, elves, fairies, giants, gnomes, goblins, griffins, mermaids, talking animals, trolls, unicorns, or witches, and usually magic or enchantments. In most cultures, there is no clear line separating myth from folk or fairy tale; all these together form the literature of preliterate societies. Fairy tales may be distinguished from other folk narratives such as legends (which generally involve belief in the veracity of the events described) and explicit moral tales, including beast fables.

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Als de regels te lang worden, overgaan op 2 kolommen.

Deze regel is nog steeds geldig

De conditie waaraan voldaan moet worden

De extra regels die nu ook geldig zijn

De aanroep van de media query

Vergeet die brackets niet

De basis-styling van de paragraaf

```
p {  
  color: RebeccaPurple  
}
```

```
p {  
  color: RebeccaPurple  
}
```

```
@media (width > 48em) {  
  p {  
    column-count: 2;  
    column-gap: 2em;  
  }  
}
```

# Mobile-first code 1/4

of one-column first code

## Van One-column

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## Via Een tussenstapje

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Vermont Symphony Orchestra

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## Naar Two-columns

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**Antecedents**  
Before the invention of movable type a system based on optimal proportions

een continuüm

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By the mid-1970s instruction of the typographic grid as a part of graphic design curricula had become standard in Europe, North America and much of Latin America. The graphic style of the grid was adopted as a look for corporate communication. In the early 1980s, a reaction against the entrenchment of the grid, particularly its dogmatic use, and association with corporate culture, resulted in some designers rejecting its use in favor of more organic structure.

Sample: [codepen.io/shooft/pen/dyBjrzm](https://codepen.io/shooft/pen/dyBjrzm)



# Mobile-first code 2/4

of one-column first code

Van One-column

Beginnen bij 320px breed

Via Een tussenstapje

Naar Two-columns

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**Reaction and reassessment**

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Meestal begin je met het bouwen van de **small-screen versie** van de website. Vaak staan alle elementen dan **in één kolom onder elkaar**. **Aangevuld met dynamiek:** menu's, harmonica's, carrousels...

Sample: [codepen.io/shooft/pen/dyBjrzm](https://codepen.io/shooft/pen/dyBjrzm)

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# Mobile-first code 4/4

## of one-column first code

### Van One-column

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### Naar Two-columns

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Dan maak je de browser weer breder tot de site er niet meer uitziet of tot je kansen ziet om de site te verbeteren.

Met clamp wordt de tekst groter als het scherm groter wordt. Er is wel een maximum.

Vanaf 44em wordt de hele layout hier bijv. aangepast naar 2 kolommen.

Elementen hoeven niet op hetzelfde moment te veranderen - juist niet zelfs.

Het is een goed idee om voor **elk element afzonderlijk** te kijken wanneer er een goede reden is om het element aan te passen.

Met minmax() wordt de tweede kolom nooit breder dan 36em, zodat de regels een fijne lengte houden.

Sample: [codepen.io/shooft/pen/dyBjrzm](https://codepen.io/shooft/pen/dyBjrzm)

Advanced  
container queries  
andere media queries



voor **zwarte** piste

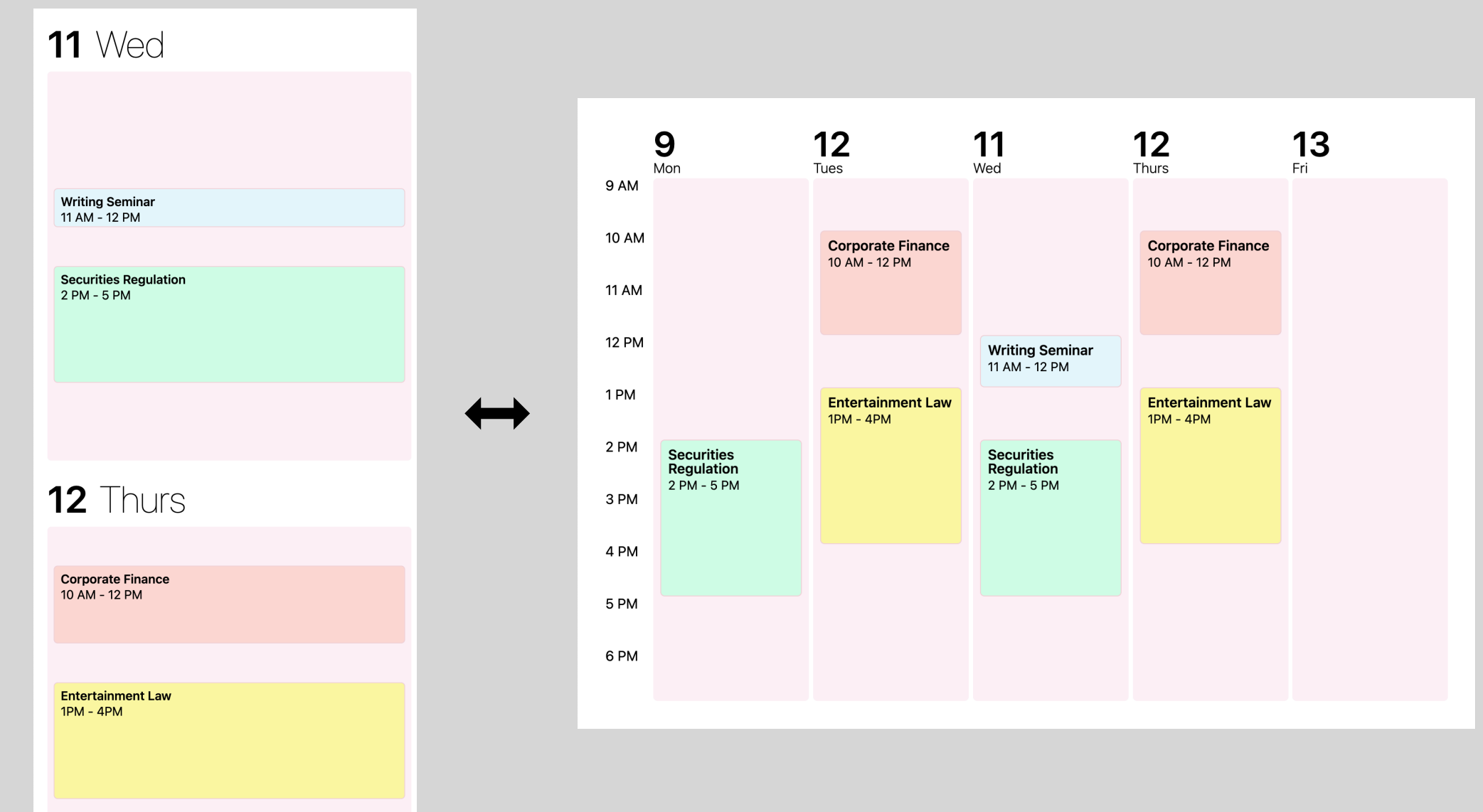
# Container queries

Met CSS container queries kun je de styling van elementen wijzigen op basis van de breedte (of hoogte) van een parent element. Cool cool cool!

De feature wordt in alle nieuwe versies van de grote browsers ondersteund. Yeah!

In het artikel [Say Hello To CSS Container Queries](#) legt Ahmad Shadeed uit wat container queries zijn en hoe je ze kunt toepassen

# Sample



Een [container query sample](#) van Una Kravets.

voor **zwarte** piste

# Andere media queries

Naast de breedte van de viewport zijn er veel meer media queries die je kunt toepassen.

Je kunt o.a. rekening houden met:

- de orientate (landscape of portrait)
- wel of geen animaties
- muis of vinger
- hover of niet
- print of scherm

Een overzicht vind je op:

[developer.mozilla.org/en-US/docs/Web/CSS/Media\\_Queries/Using\\_media\\_queries](https://developer.mozilla.org/en-US/docs/Web/CSS/Media_Queries/Using_media_queries)

# Hover en any-pointer



Een [artikel van Cristian Díaz over hover of niet](#) en hoe daar rekening mee te houden.

ԼԵՏԻՆ  
ՄԵԳԻՆ ըՆԵՐԵՏ  
ԷԷԸ ՅՎ\ՅԸ

