

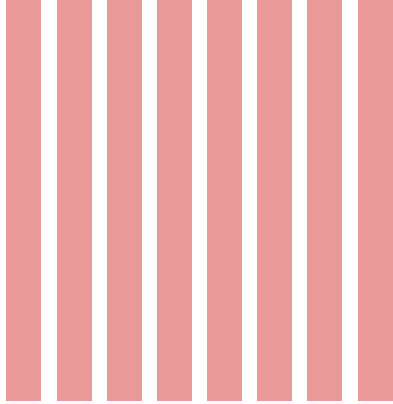
CSS grid

grid areas

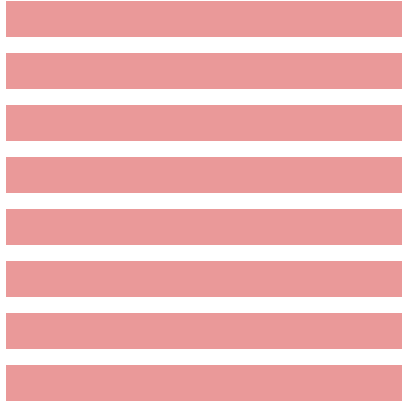
sandra.larsson@jenseneducation.se



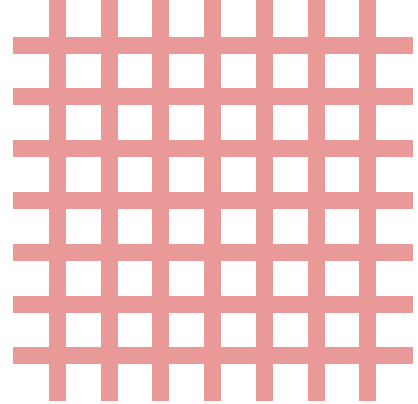
Columns, rows & gap



Columns



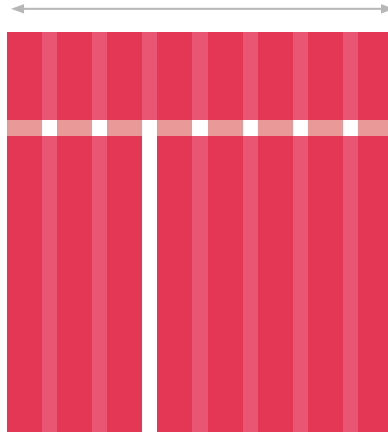
Rows



Gap

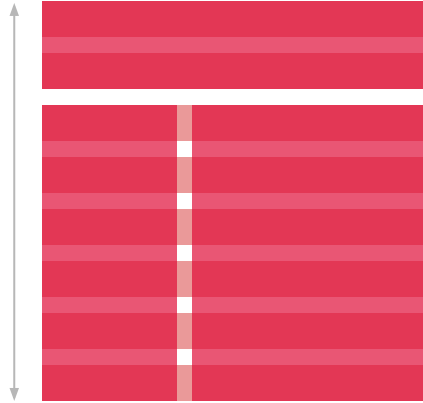
Columns

Håller koll på innehållet i horisontell ordning



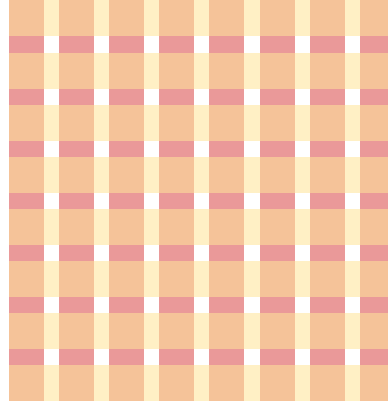
Rows

Håller koll på innehållet i vertikal ordning



Template

själva byggnadsställningen



Parent > child

Grid container > grid item



parent (container)

Grid container

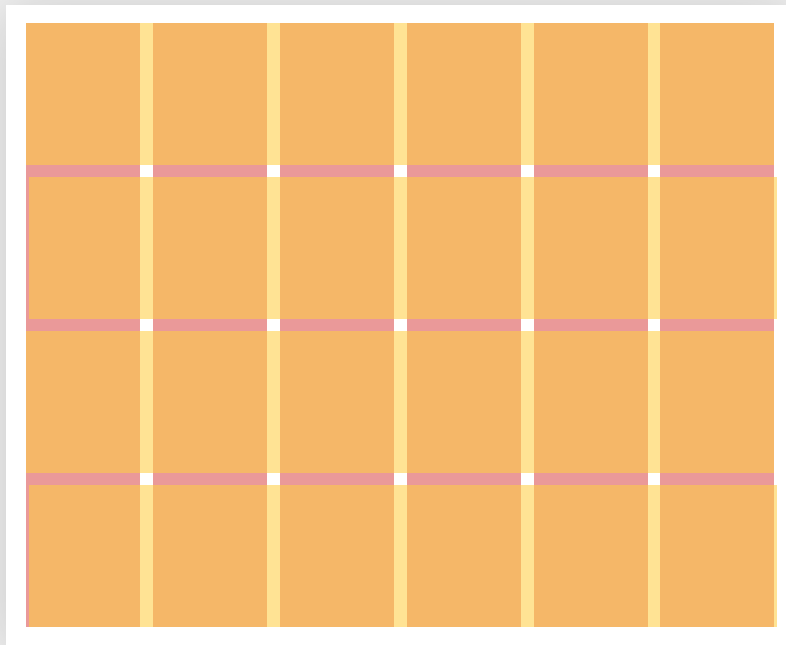
viktiga egenskaper

- **display: grid** grid-container
- **grid-gap** gap mellan items
- **grid-template-columns** spec antal / bredd på kolumner
- **grid-template-rows** spec antal / höjd på rader
- **grid-auto-rows** Spec ett och samma avstånd för alla rader
- **grid-template-areas** layoutar med hjälp av grid-area namn

Grid item

grid-area: <tydligt namn>

Ger boxen ett *namn* som sedan används i förälderns egenskap *grid-template-areas*.



Koda en grid template

- max-width 1000px
- 6 columns av samma storlek
- 4 rows med 120px height vardera

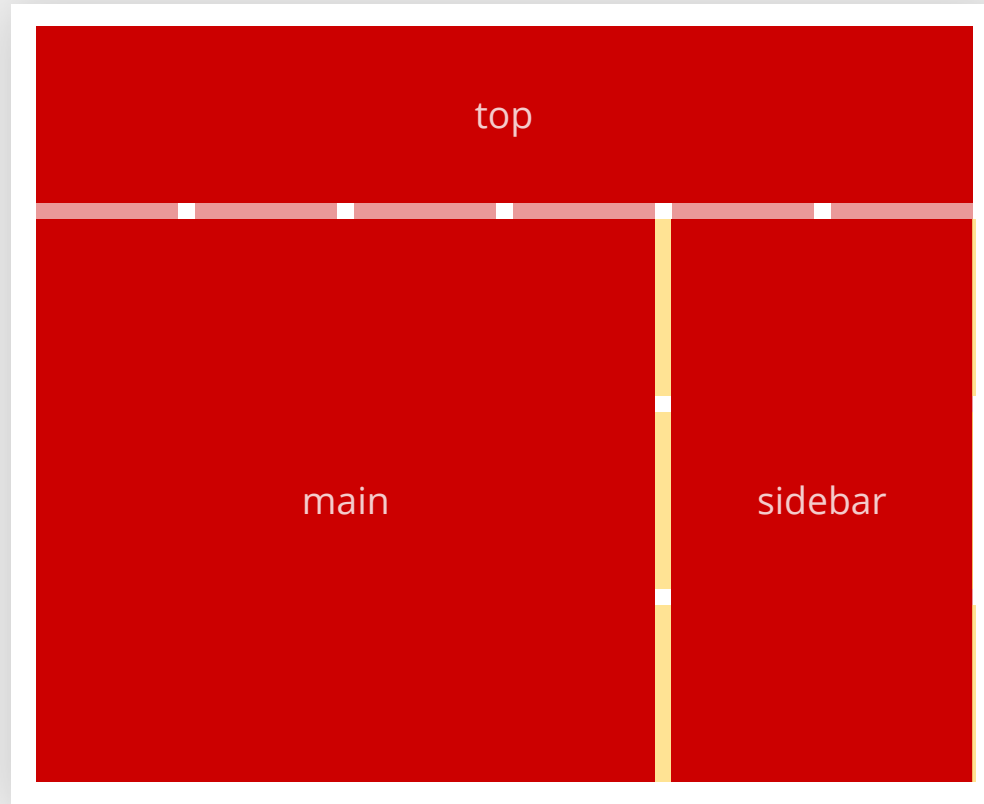
A man with glasses and a mustache, wearing a green t-shirt, is holding a vintage computer keyboard. He is sitting at a desk with two computer monitors in the background. The entire image is overlaid with a semi-transparent green filter. The text "Lets code!" is written in white, bold, sans-serif font in the center. Below it, the text "Koda en template" is written in a smaller, white, sans-serif font.

Lets code!

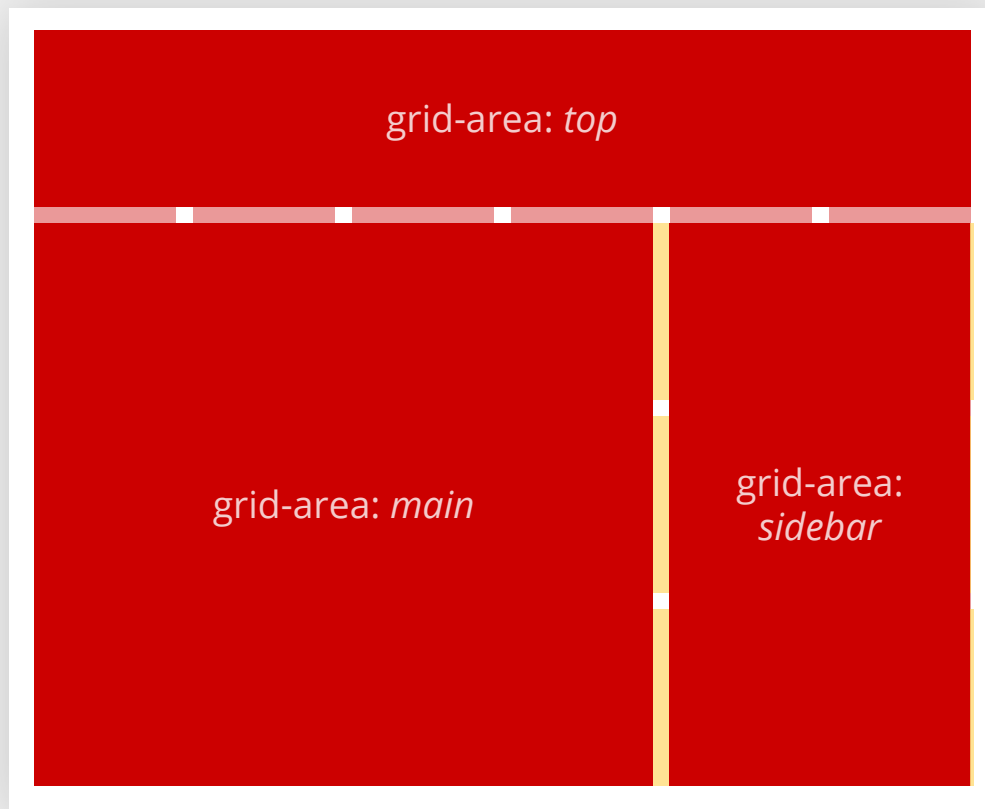
Koda en template

Övning

Lets öva att placera ut en / flera
containers (grid-items) där vi vill ha dem



Klassisk layout



Klassisk layout

CSS

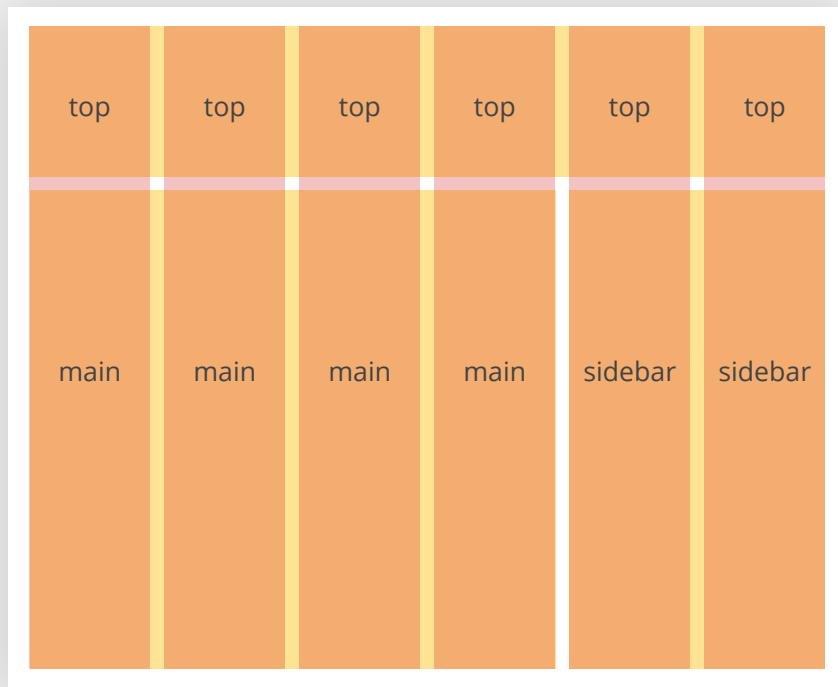
```
header {  
  grid-area: top;  
}
```

```
main {  
  grid-area: main;  
}
```

```
aside {  
  grid-area: sidebar;  
}
```

Ett namn / kolumn

grid-template-areas

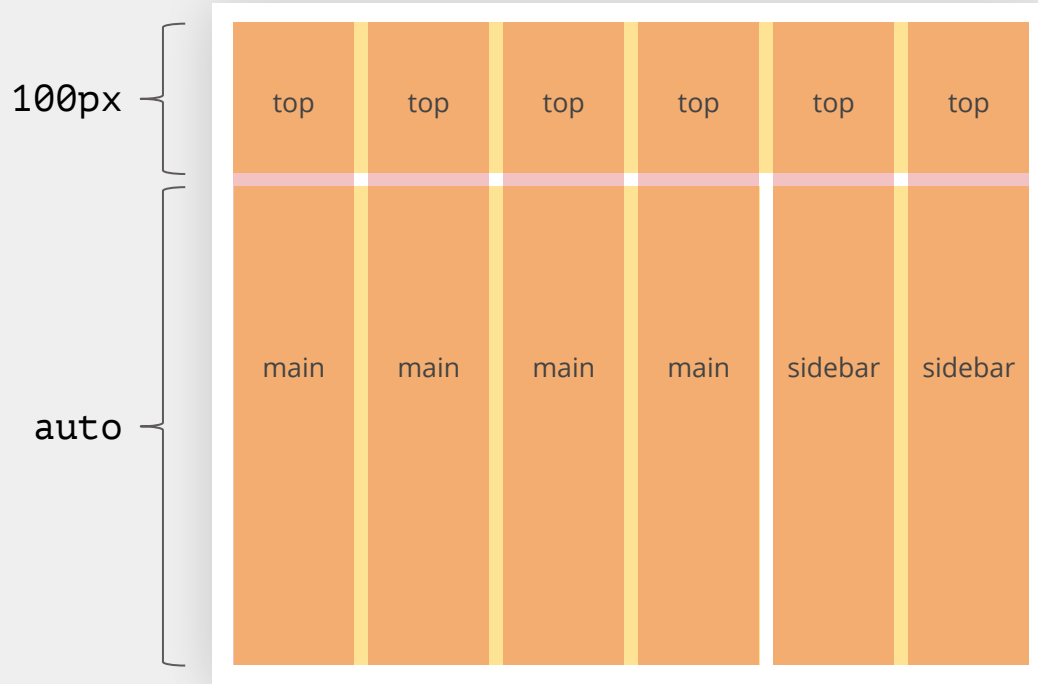


grid-template-areas

```
.grid-container {  
  display: grid;  
  grid-template-columns: repeat(6, 1fr);  
  grid-template-rows: 100px auto;  
  grid-template-areas:  
    "top top top top top top"  
    "main main main main sidebar sidebar"  
}
```


en rad i taget

grid-template-rows



auto = innehållet bestämmer höjden

grid-template-rows

```
.grid-container {  
  display: grid;  
  grid-template-columns: repeat(6, 1fr);  
  grid-template-rows: 100px auto;  
  grid-template-areas:  
    "top top top top top top"  
    "main main main main sidebar sidebar"  
}
```

grid-container

```
.grid-container {  
  display: grid;  
  grid-template-columns: repeat(6, 1fr);  
  grid-template-rows: 100px auto;  
  grid-template-areas:  
    "top top top top top top"  
    "main main main main sidebar sidebar";  
}
```

A man with glasses and a green t-shirt is holding a vintage computer keyboard. He is sitting at a desk with two computer monitors in the background. The entire image is overlaid with a semi-transparent green filter. The text "Lets code!" is written in white, bold, sans-serif font in the center. Below it, the text "Koda upp layouter med *grid-areas*" is written in a smaller, white, sans-serif font.

Lets code!

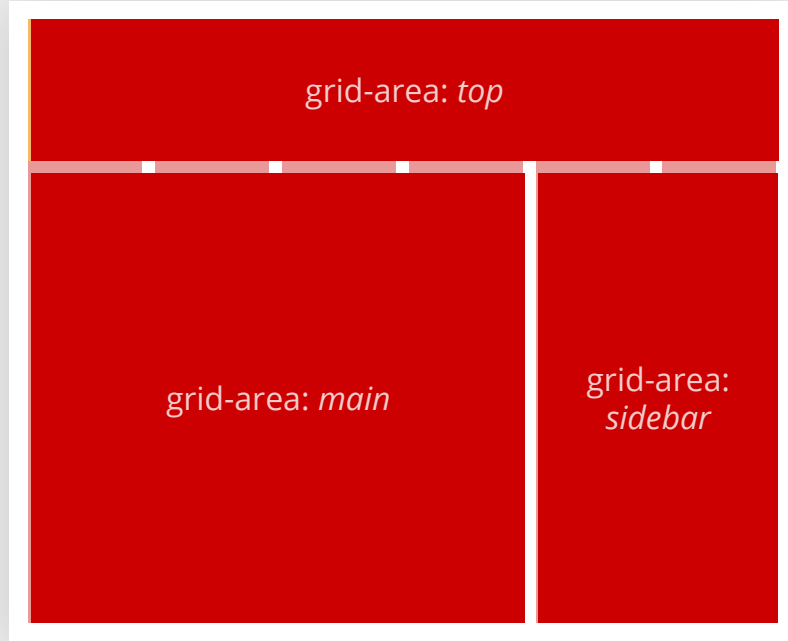
Koda upp layouter med *grid-areas*

men fasen va coolt!

Tell me more!

- <https://university.webflow.com/article/grid-areas>
- <https://css-tricks.com/snippets/css/complete-guide-grid>
- <https://cssgridgarden.com/#sv>
- <https://www.gridcritters.com/>

basmått (b) 30px



b x 4

b x 2

b x 10

b x 6

