

# CSS

USEFULL to know

# WHY?

Katholiek Onderwijs Vlaanderen

katholiekonderwijs.vlaanderen

Gunther Claes...

Overslaan en naar de algemene inhoud gaan Skip to navigation

Intranet Contact

## Katholiek Onderwijs Vlaanderen

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Zoeken binnen de website

Zoeken

Zoeken binnen de website

Zoeken

Home

Over ons

Wat doen we?

Pers

Thema's A-Z

Thema's in de kijker

U bent hier: Nieuws

Aanmelden

A-Z Thema's in de kijker

AANMELDEN

Filter nieuws

Regio


- Regio Antwerpen
- Regio Limburg
- Regio Mechelen-Brussel
- Regio Oost-Vlaanderen
- Regio West-Vlaanderen

Mijn vergaderingen

Ronde van Vlaanderen: wijzigingen infrastructuurprojecten 2016

Aprilnummer School+visie

Eigentijds tegendraads - Congres Katholiek Onderwijs Vlaanderen



**USAGE**

# INCLUSIONS

```
<link rel="stylesheet" href="style">
```

```
<style>  
  #container{  
    color: #FFFFFFF  
  }  
</style>
```

```
<div id="container" style="color:#FFFFFFF">  
  Here is some content  
</div>
```

# SELECTIONS

```
<div id="container">  
  <div class="item active">content</div>  
  <div class="item">content</div>  
  <div class="item">content</div>  
</div>
```

```
#container{  
  background-color: #F4D82A;  
}
```

```
.item{  
  background-color: #FFFFFF;  
  color: #000000;  
}
```

# SELECTIONS

```
<div id="container">  
  <div class="item active">content</div>  
  <div class="item">content</div>  
  <div class="item">content</div>  
</div>
```

```
#container .item{  
  background-color: #FFFFFF;  
  color: #000000;  
}
```

# SELECTIONS

```
<div id="container">  
  <div class="item active">content</div>  
  <div class="item">content</div>  
  <div class="item">content</div>  
</div>
```

```
#container .item{  
  background-color: #FFFFFF;  
  color: #000000;  
}
```

# SELECTIONS

```
<div id="container">  
  <div class="item active">content</div>  
  <div class="item">content</div>  
  <div class="item">content</div>  
</div>
```

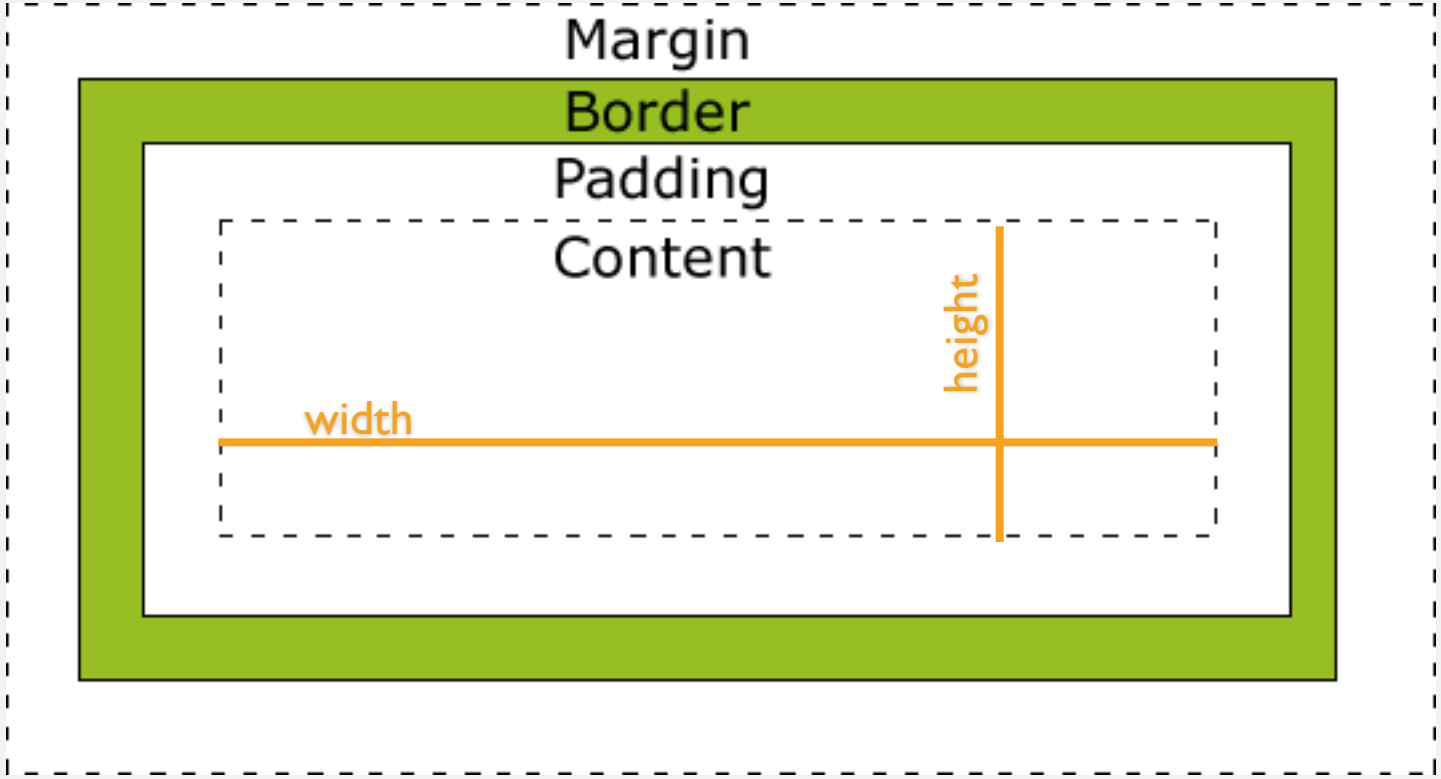
```
.item{  
  background-color: #FFFFFF;  
  color: #000000;  
}  
.item.active{  
  color: #F4D82A;  
}
```

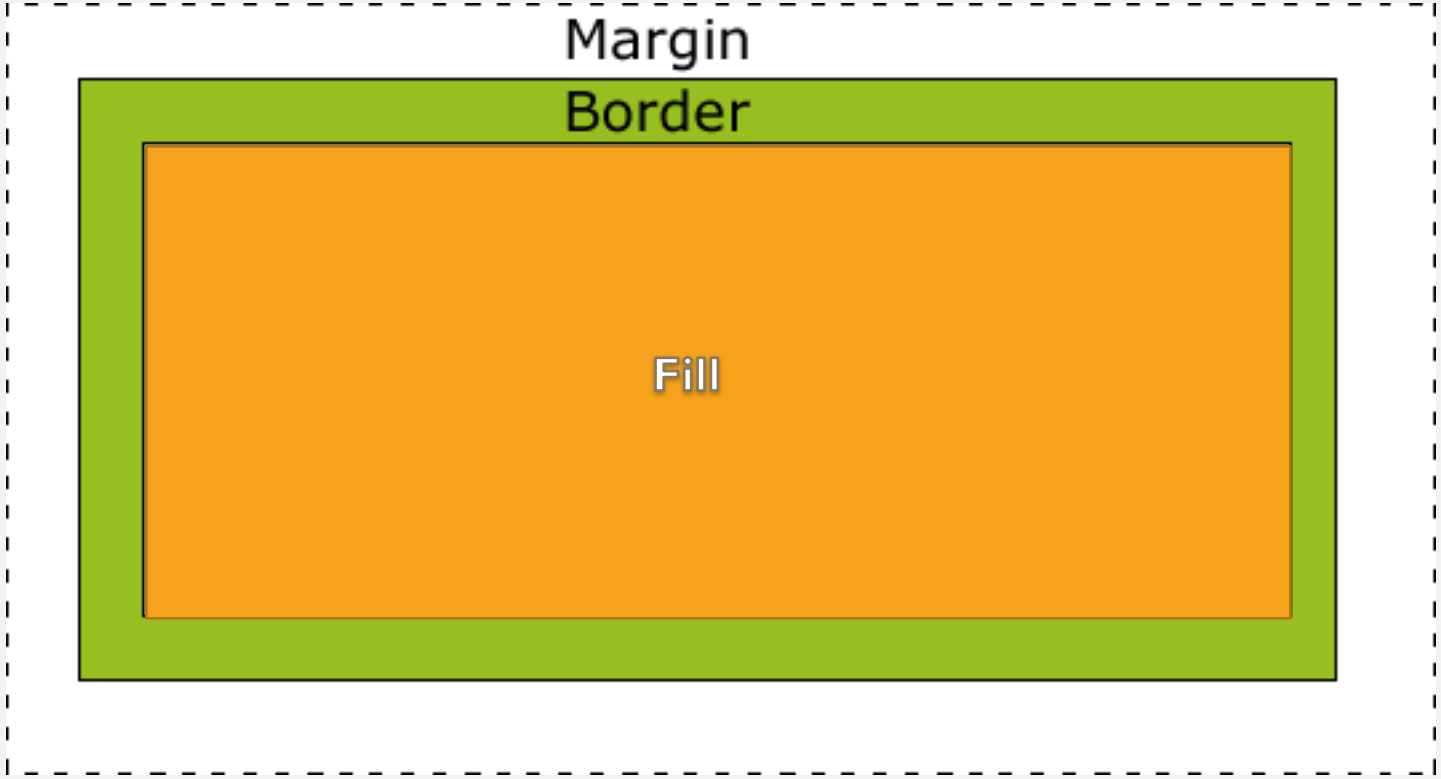


# SELECTIONS

```
a {  
  color:#000000;  
}
```

# **MARGIN VS PADDING**





# NOTATION



padding: 80px 30px 35px 10px;

padding-top: 80px;  
padding-right: 30px;  
padding-bottom: 35px;  
padding-left: 10px;

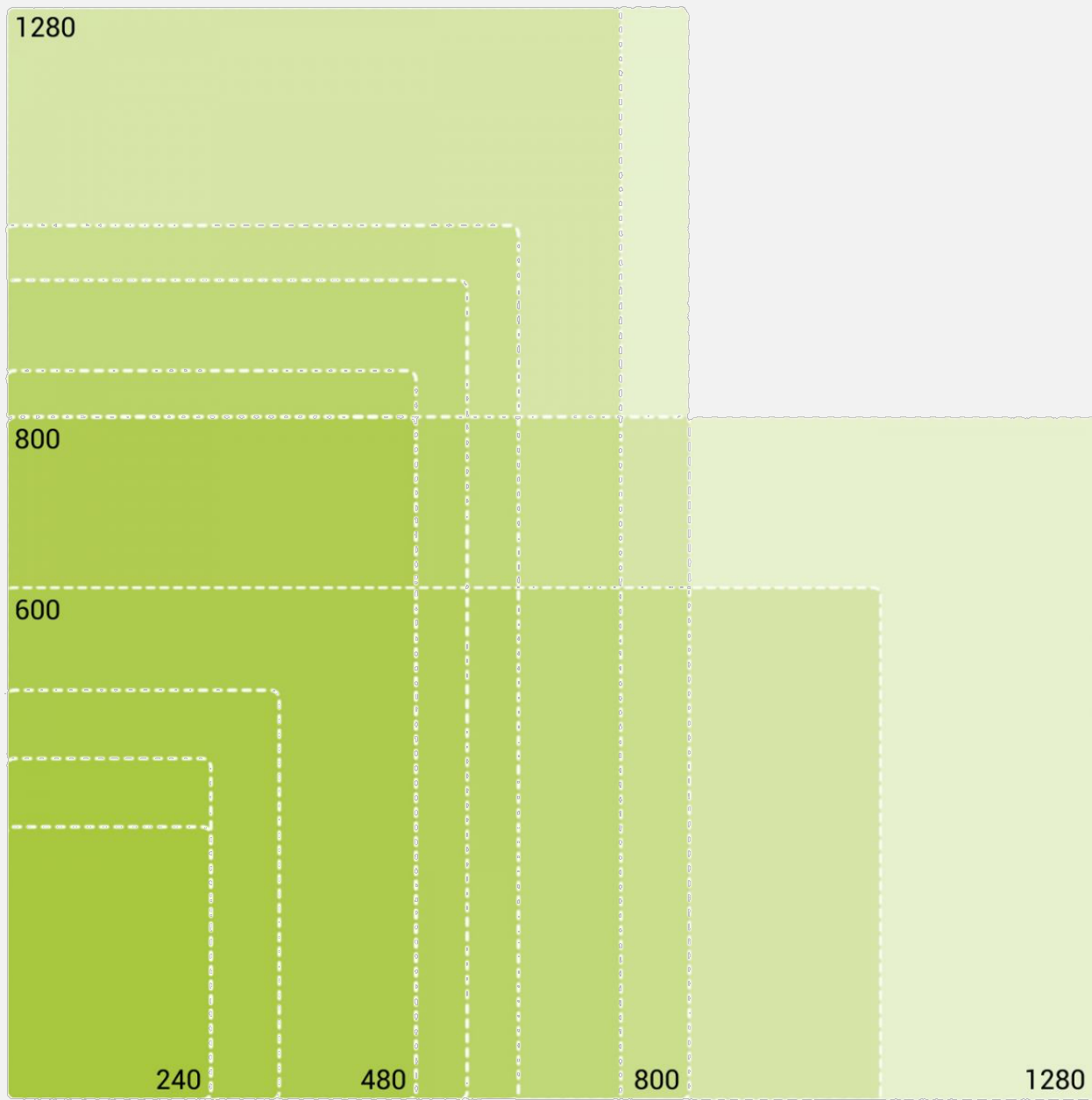
# BORDER

```
border: 2px solid #bd238b;
```

```
border-bottom: 2px solid #bd238b;
```

**RESPONSIVE**

“THIS IS SO DIFFICULT”





## PX VS EM

An **em** unit is a relative unit of measurement based on the parent element.

1em = fontsize  
2em = 2 x fontsize

# PX VS EM

```
body{
  font: 100%/1.5 serif; /* 16px */
}
h1{
  font-size: 2em; /* 32px */
}

@media (min-width: 600px) {
  body {
    font: 112.5%; /* 18px */
  }
  h1 {
    /* Do nothing! I'll automatically be 36px */
  }
}
```

# MEDIA-QUERIES

```
.item{  
  background-color: #FFFFFF;  
  color: #000000;  
}
```

```
@media (min-width: 768px) {  
  .item{  
    background-color: #3FDFDF;  
  }  
}
```

# **ANIMATIONS**

# TRANSITIONS

```
.item{  
  background-color: #FFFFFF;  
  color: #000000;  
}  
.item.active{  
  color: #F4D82A;  
}
```

# TRANSITIONS

```
.item{  
  background-color: #FFFFFF;  
  color: #000000;  
  transition: color 0.7s;  
}  
  
.item.active{  
  color: #F4D82A;  
}
```

# TRANSITIONS

```
.item{  
  background-color: #FFFFFF;  
  color: #000000;  
  transition: all 0.7s;  
}  
  
.item.active{  
  color: #F4D82A;  
}
```

# ANIMATIONS

```
.cirkel-holder #doughnut1{  
    -webkit-animation: spin 12s infinite linear;  
}  
@-webkit-keyframes spin {  
    0% { -webkit-transform: rotate(0deg);}  
    100% { -webkit-transform: rotate(360deg);}  
}
```

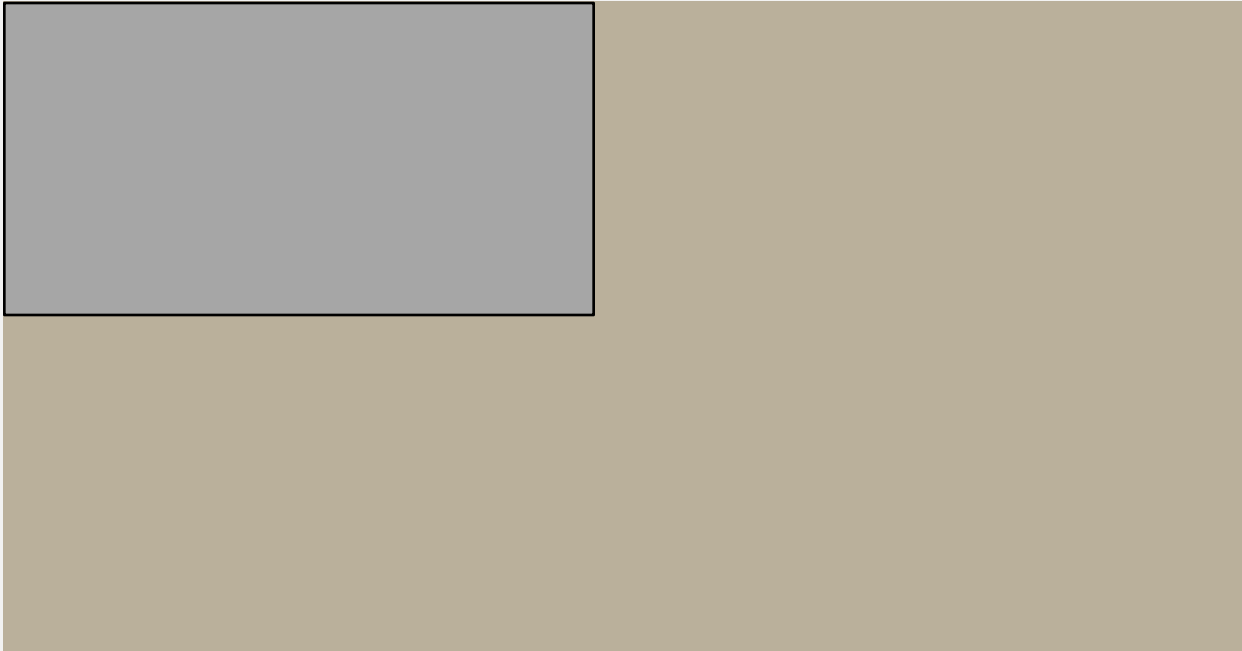


# **POSITIONING**

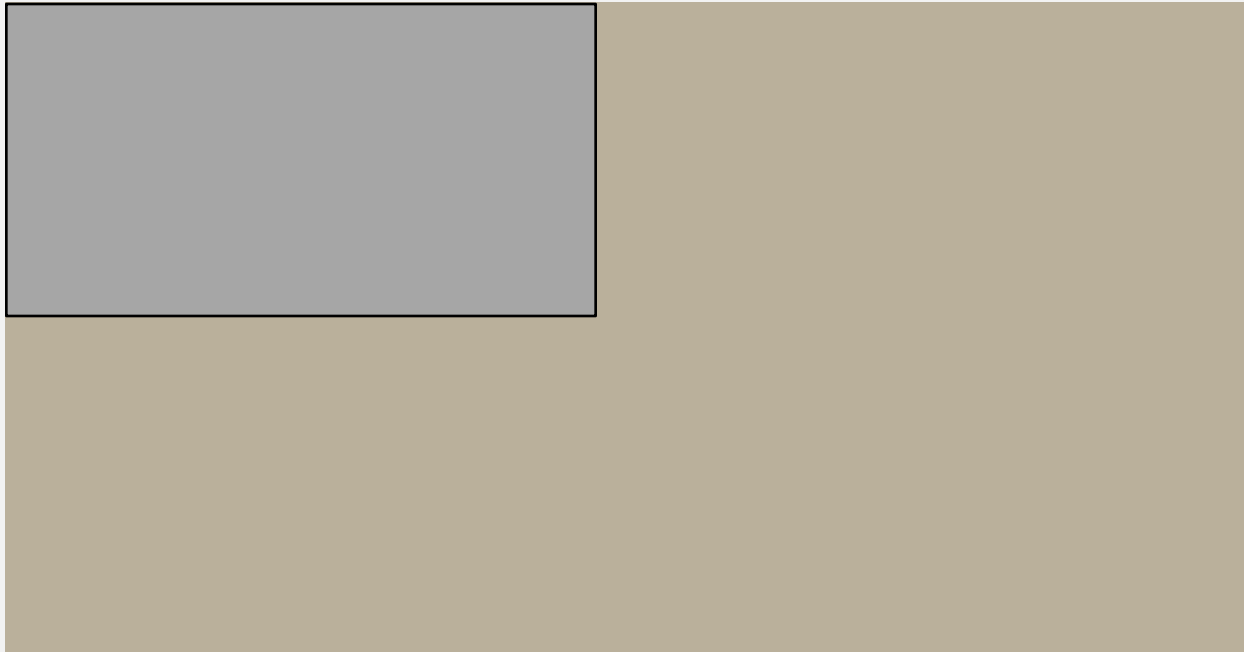
# POSITION

- static
- relative
- fixed
- absolute

POSITION: STATIC

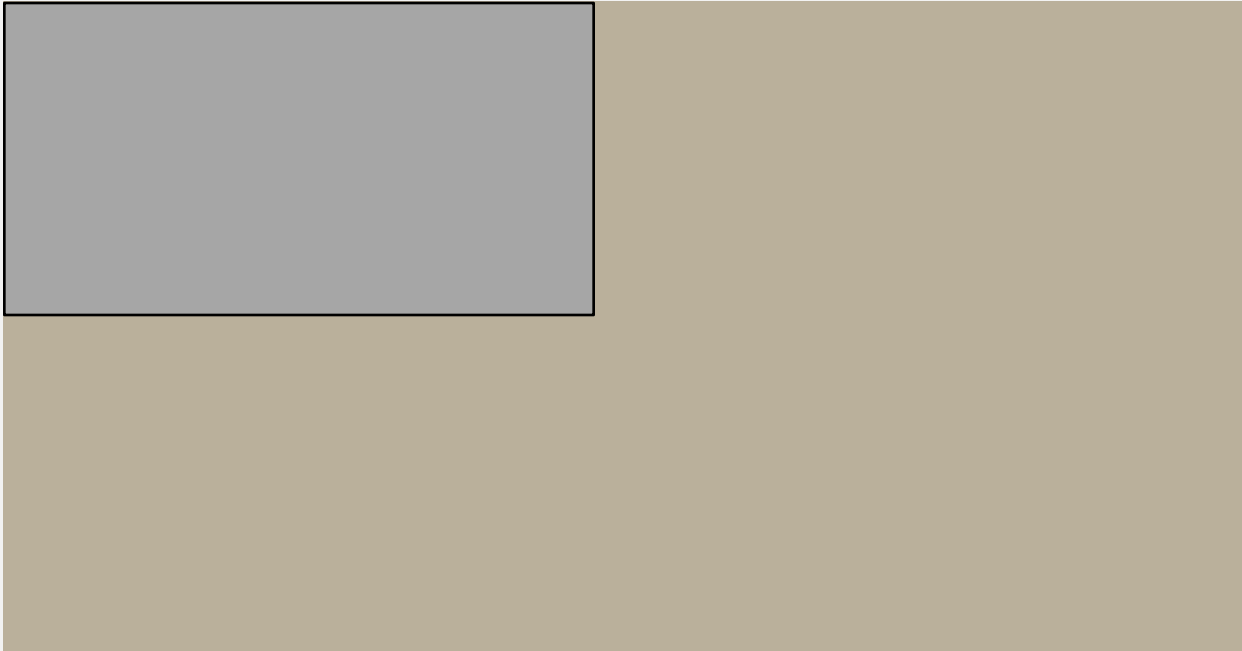


POSITION: STATIC

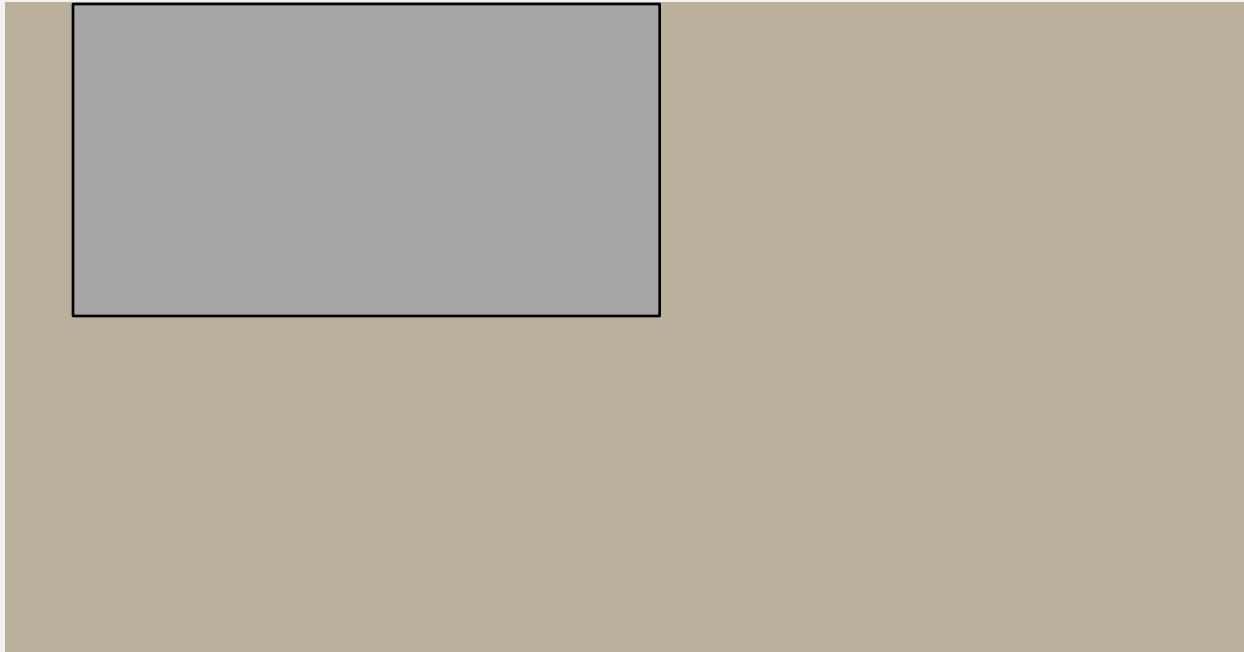


`left: 30px;`

POSITION: RELATIVE



## POSITION: RELATIVE

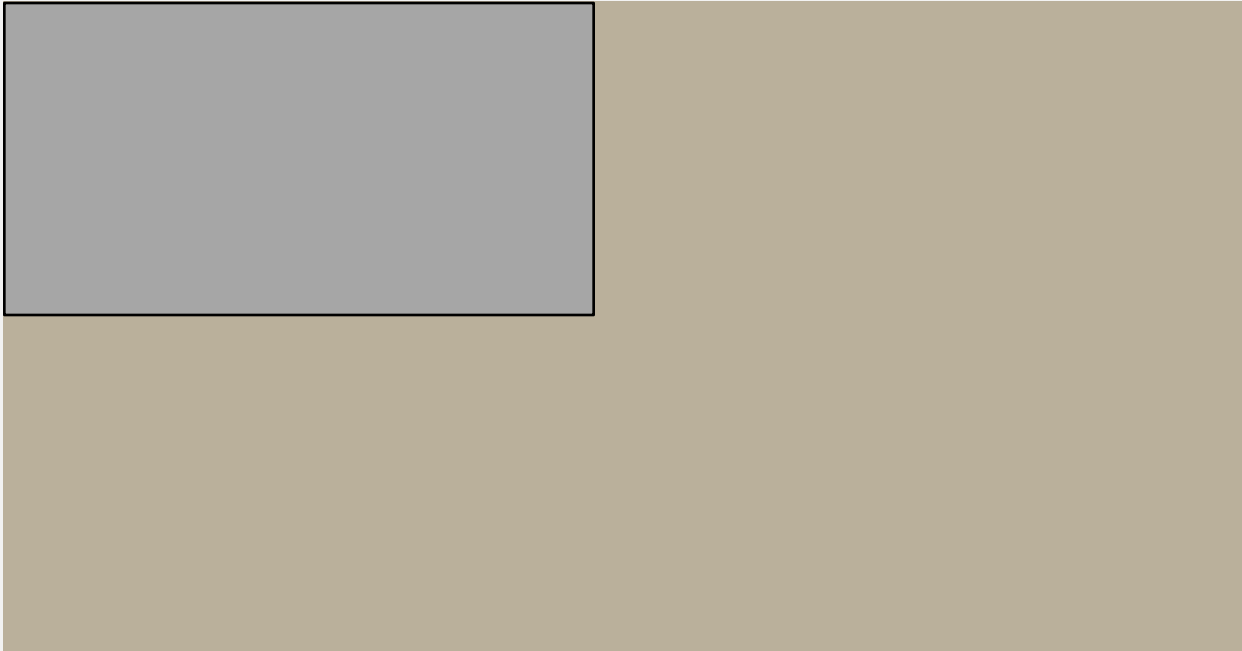


`left: 30px;`



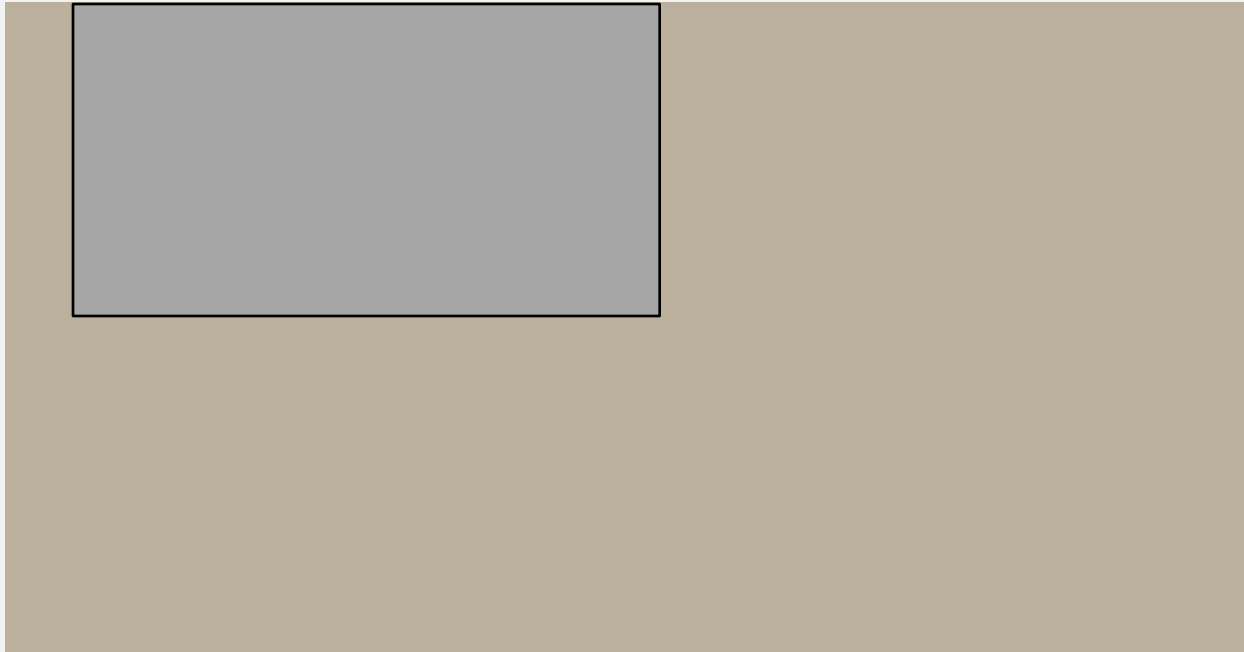
POSITION: FIXED

POSITION: ABSOLUTE





## POSITION: ABSOLUTE

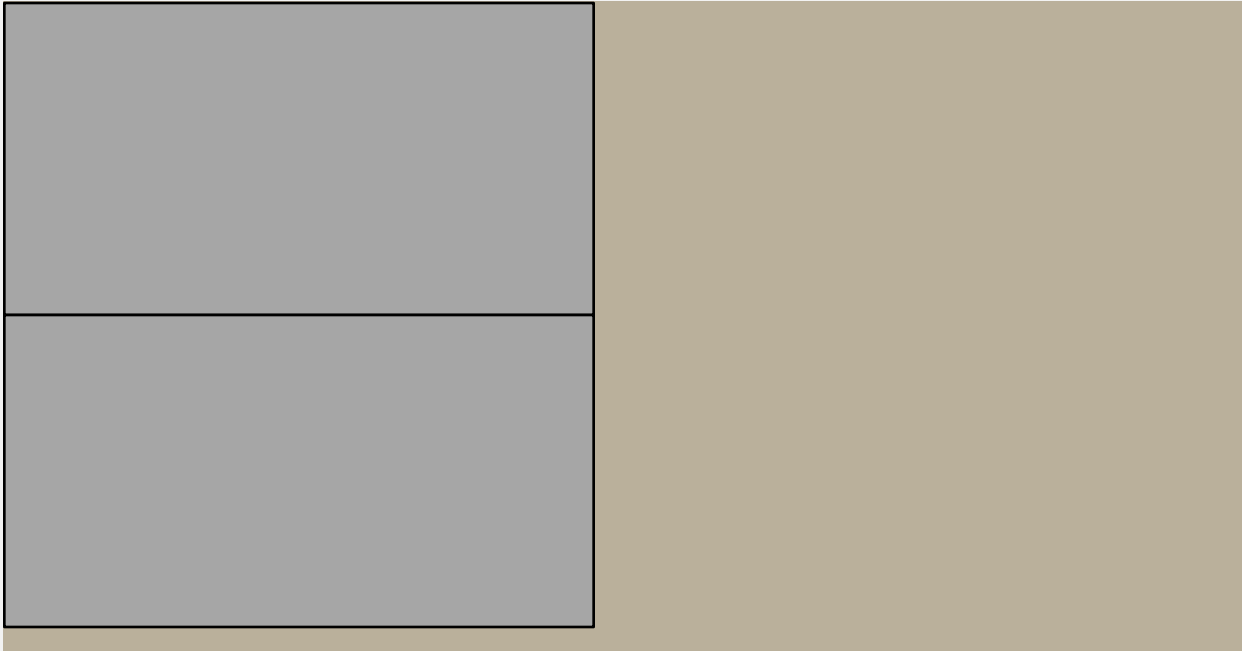


`left: 30px;`

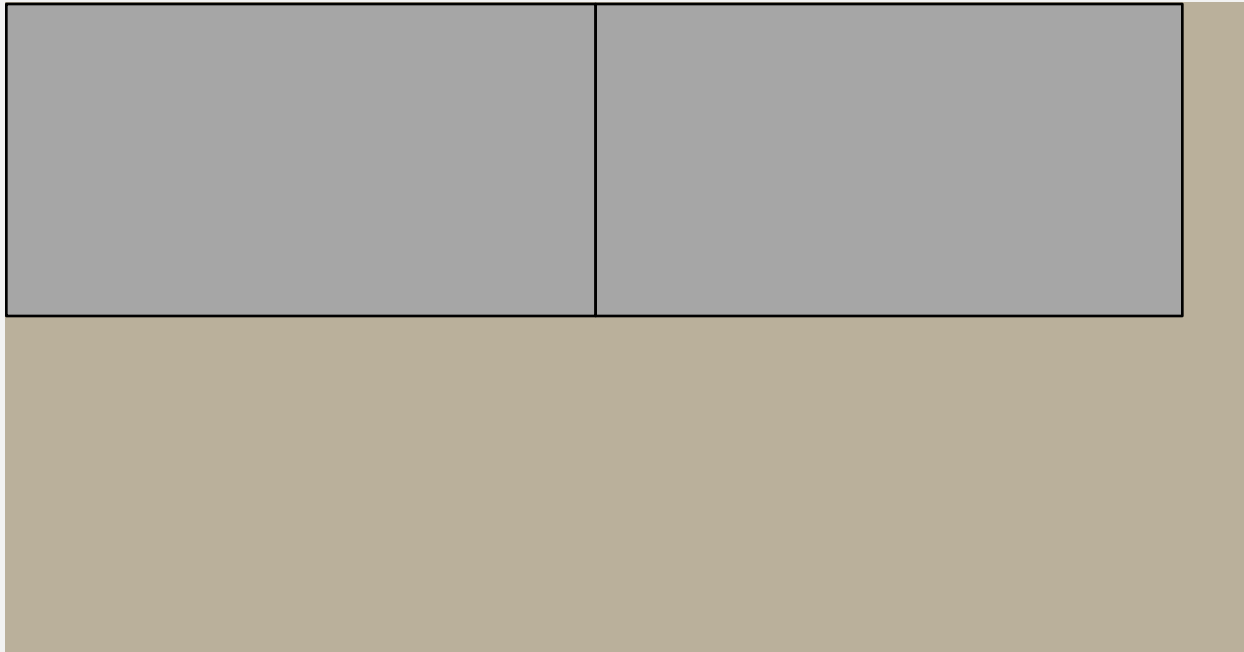
POSITION: ABSOLUTE

is positioned relative  
to the nearest  
positioned ancestor

FLOAT

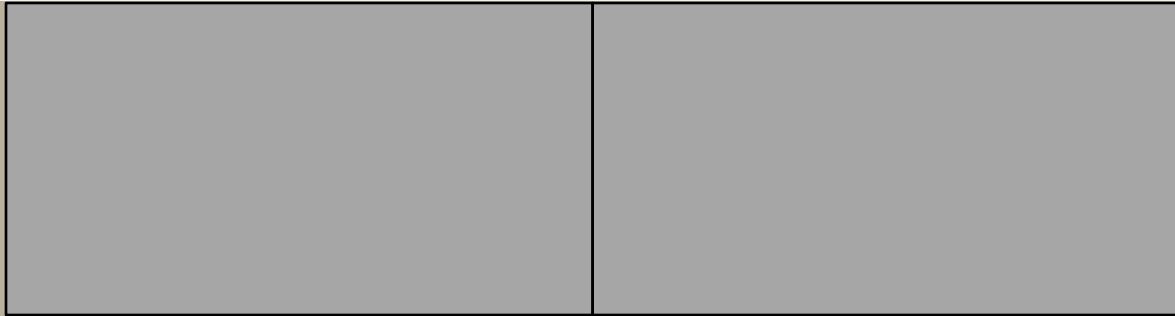


FLOAT



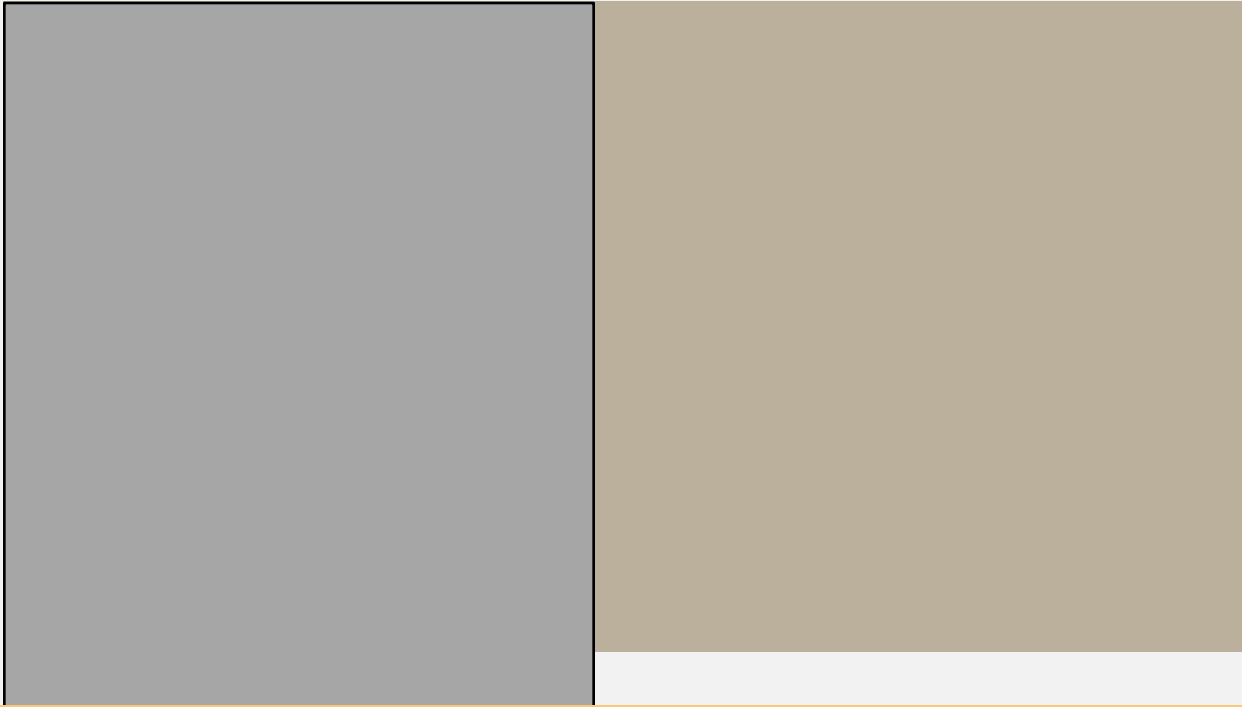
```
float: left;
```

FLOAT



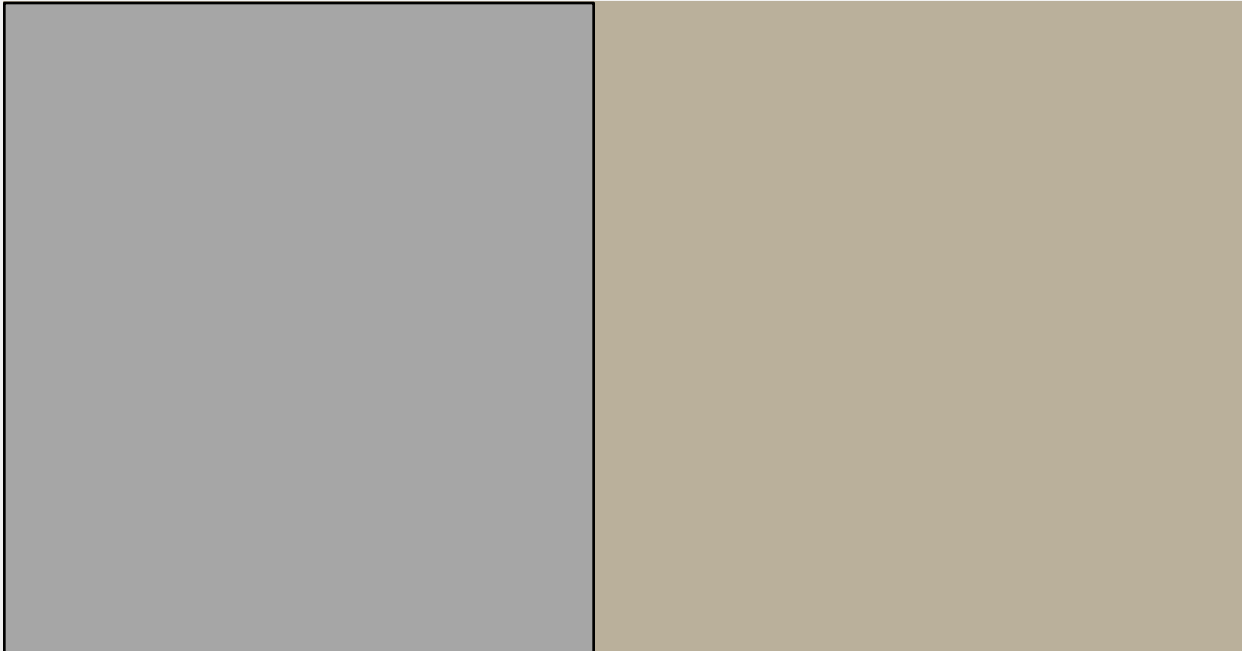
```
float: right;
```

OVERFLOW



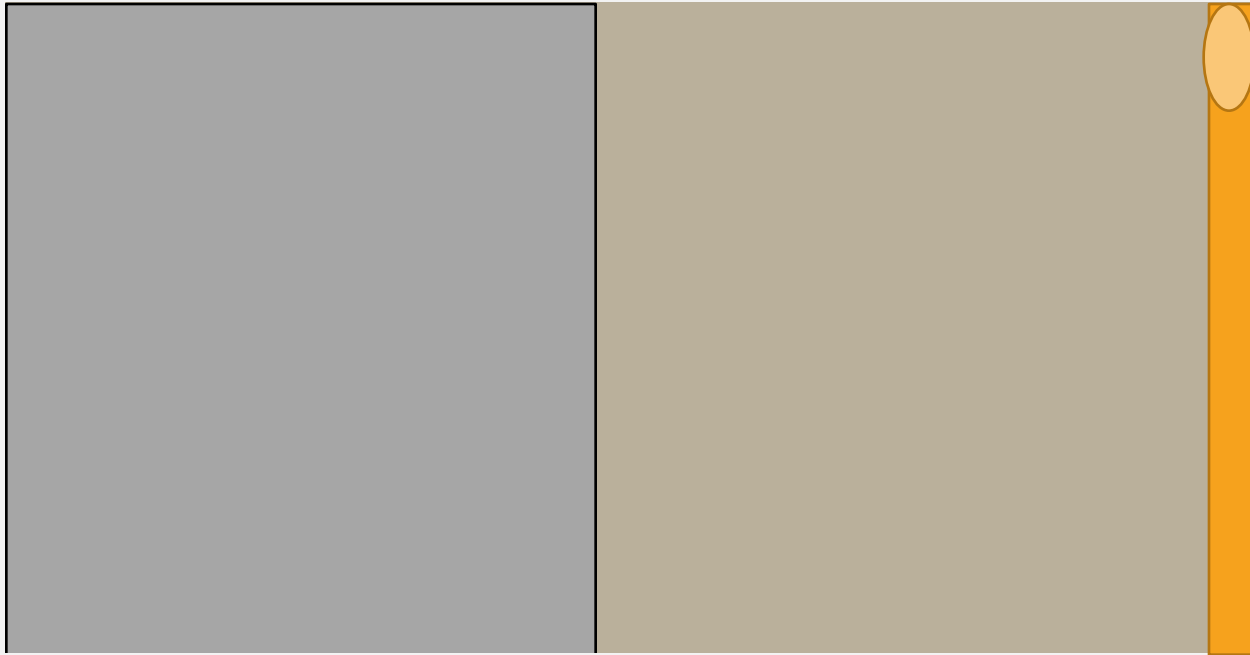
```
overflow: visible;
```

OVERFLOW



`overflow: hidden;`

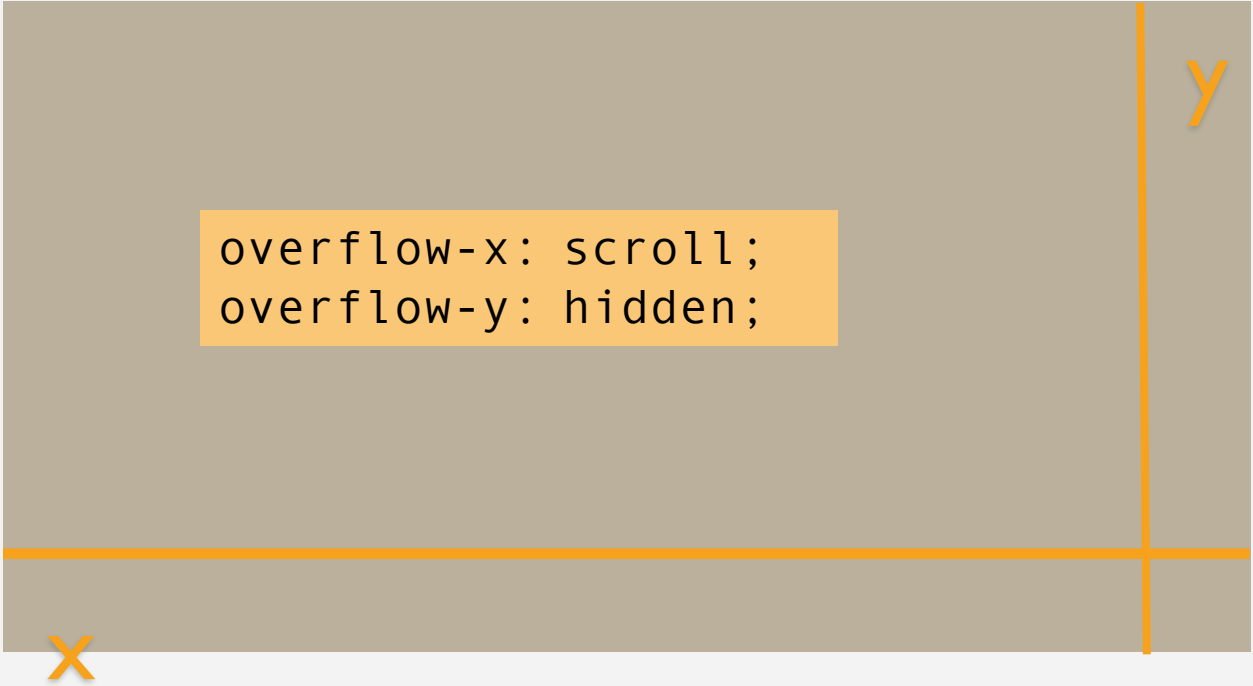
# OVERFLOW



```
overflow: scroll;
```



# OVERFLOW



The diagram shows a large gray rectangular container. A horizontal orange line runs across the bottom of the container, and a vertical orange line runs along the right side. An orange 'x' is located at the bottom-left corner of the container, and an orange 'y' is located at the top-right corner. In the center of the container, there is an orange rectangular box containing the text: overflow-x: scroll; overflow-y: hidden;

```
overflow-x: scroll;  
overflow-y: hidden;
```

# **SELECTIONS**

BUT MORE COMPLEX

# SELECTIONS

```
div, p{  
  ...  
}
```

Selects all <div> elements and all <p> elements

# SELECTIONS

```
div p{  
    ...  
}
```

Selects all `<p>` elements inside `<div>` elements

# SELECTIONS

```
div > p{  
  ...  
}
```

Selects all `<p>` elements where the parent is a `<div>` element

# SELECTIONS

```
div + p{  
    ...  
}
```

Selects all `<p>` elements that are placed immediately after `<div>` elements

HOVER

```
a:hover{  
  color: #F4E3AA  
}
```

# ATTRIBUTES

```
[ng-click]{  
  text-decoration: underline;  
}
```

```
#menu .item[ng-click]{  
  text-decoration: underline;  
}
```

```
[attribute="value"]{  
  text-decoration: underline;  
}
```



# PSEUDO-ELEMENTS

```
.item:first-child{  
  border-top-left-radius: 4px;  
  border-top-right-radius: 4px;  
}
```

```
.item:last-child{  
  border-bottom-left-radius: 4px;  
  border-bottom-right-radius: 4px;  
}
```

# GOING COMPLEX

MAKING THINGS EASIER

## ENGINE PREFIX

```
-webkit-animation: spin 12s infinite linear;  
-moz-animation: spin 12s infinite linear;  
-o-animation: spin 12s infinite linear;  
-ms-animation: spin 12s infinite linear;  
animation: spin 12s infinite linear;
```

These browser prefixes are needed as the browsers experiment and test out their implementations of the newer CSS3 properties. Sometimes all the prefixes are not always needed, but it usually does not hurt to include them, *as long as you make sure to put the **non-prefixed** version last.*

## SASS & LESS & ...

```
#container{  
  
  background-color: #F4D82A;  
  
  .item{  
    background-color: #FFFFFF;  
    color: #000000;  
    transition: all 0.7s;  
  }  
  
}
```

# SASS

```
$primary-color: # F4D82A;  
  
#container{  
  
    background-color: $primary-color;  
  
    .item{  
        background-color: #FFFFFF;  
        color: #000000;  
        transition: all 0.7s;  
    }  
  
}
```

**PLAYTIME**

## ZILL NAVBAR


- Stays on top, even on scroll
- Menu disappears on small screen
- “support” is hovered
- “bib” is active
- on hover gray fades in



# GITHUB

`github.com/feelitloveit/cssworkshop`



 klaspraktijk

WAT ZOEK  
JE IN DE BIB?

KLASPRAKTIJK

 volledige praktijk-bib

CONCEPT

LEERINHOUD

SUPPORT

BIB

MIJN ZILL

✕ WIS FILTERS



# QUESTIONS?

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