CSS

Usefull to know

WHY?

USAGE

INCLUSIONS

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

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

```
<div id="container" style="color:#FFFFFF">
    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>
```

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

```css
.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

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

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

SELECTIONS

```html
<div id="container">
    <div class="item active">content</div>
    <div class="item">content</div>
    <div class="item">content</div>
</div>
```
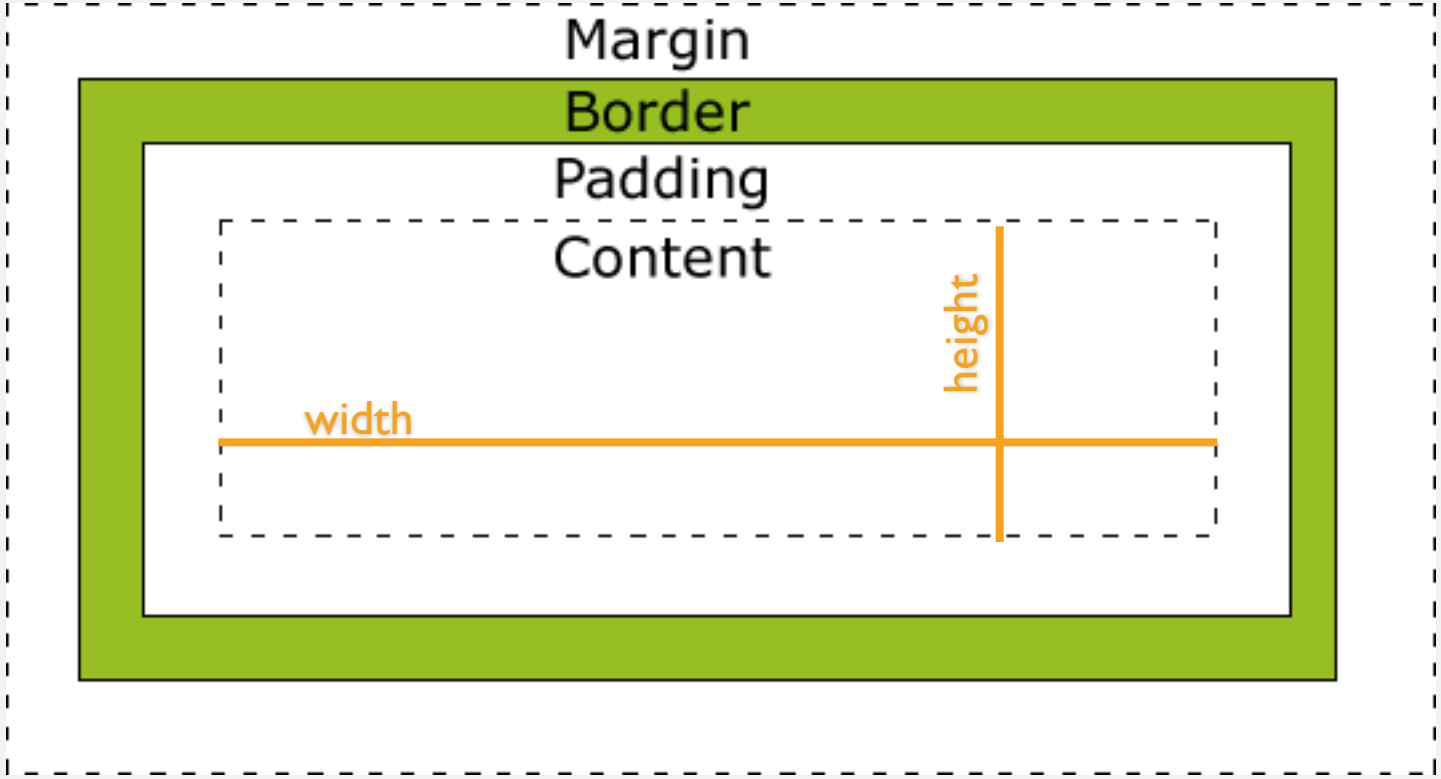
```css
.item{
    background-color: #FFFFFF;
    color: #000000;
}

.item.active{
    color: #F4D82A;
}
```
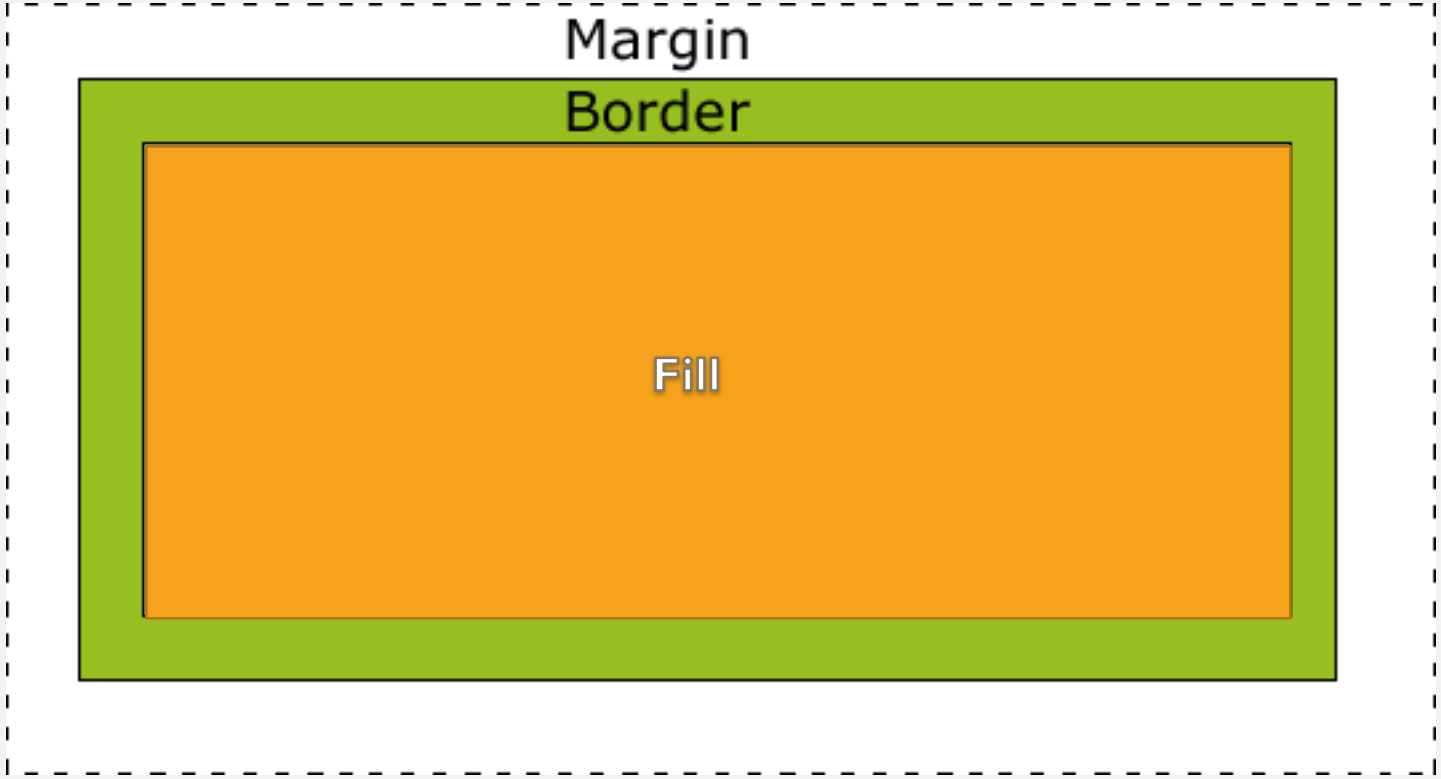
SELECTIONS

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

MARGIN VS PADDING

Margin

Border

Padding

Content

height

width

Margin

Border

Fill

NOTATION


```
padding: 80px 30px 35px 10px;
```

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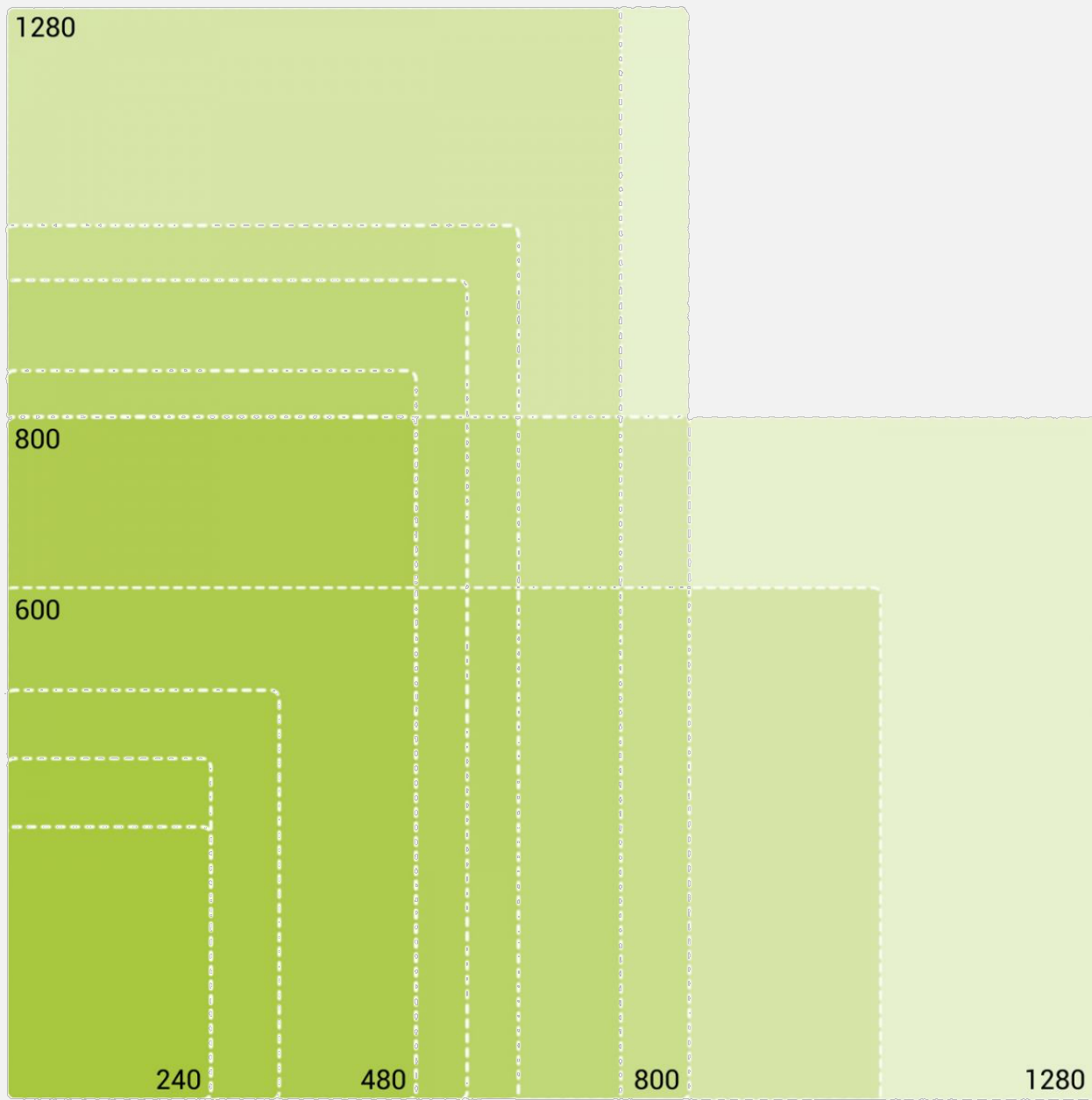
BORDER

`border: 2px solid #bd238b;`

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

RESPONSIVE

"THIS IS SO DIFFICULT"

1280

800

600

240 480 800 1280

PX VS **EM**

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

```
1em = fontsize
2em = 2 x fontzize
```

PX VS EM

```css
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

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

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

ANIMATIONS

TRANSITIONS

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

.item.active{
    color: #F4D82A;
}
```

TRANSITIONS

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

.item.active{
    color: #F4D82A;
}
```

TRANSITIONS

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

.item.active{
    color: #F4D82A;
}
```

ANIMATIONS

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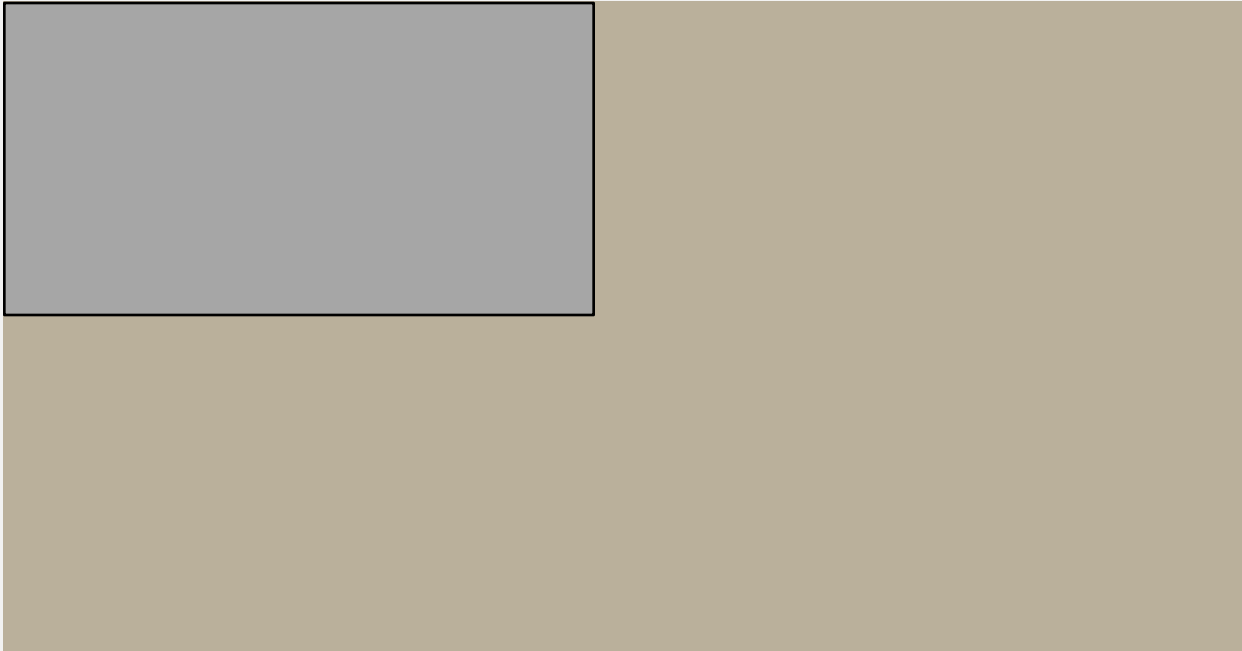
POSITIONING
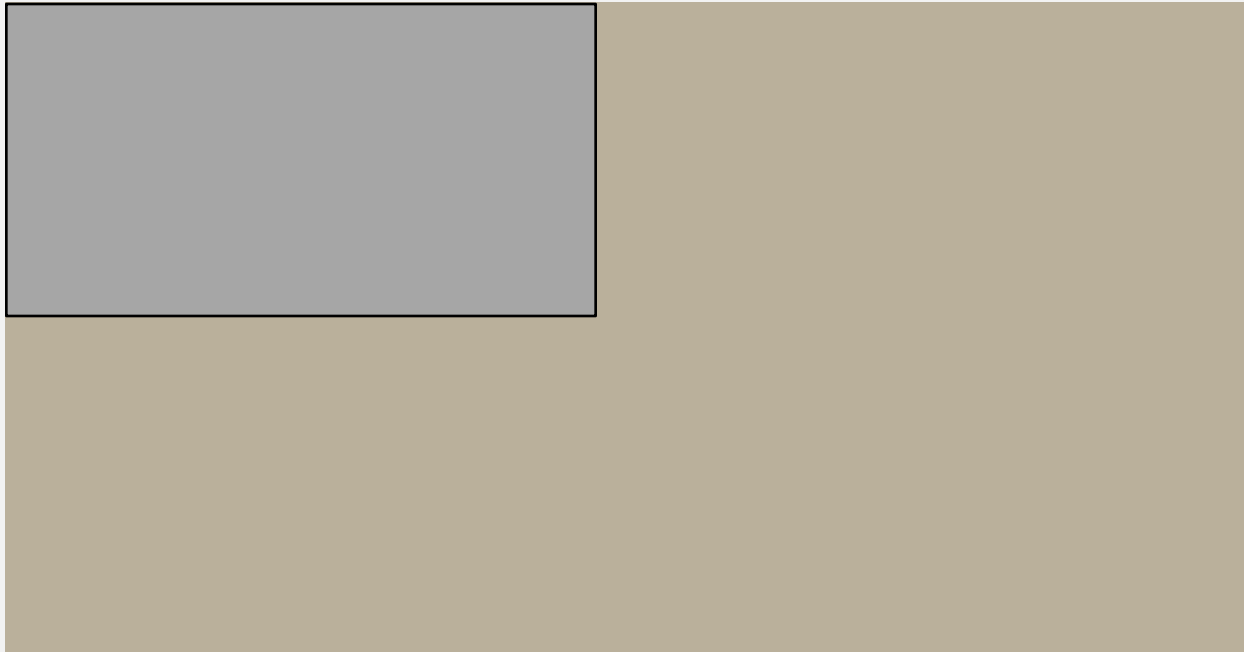
POSTITION

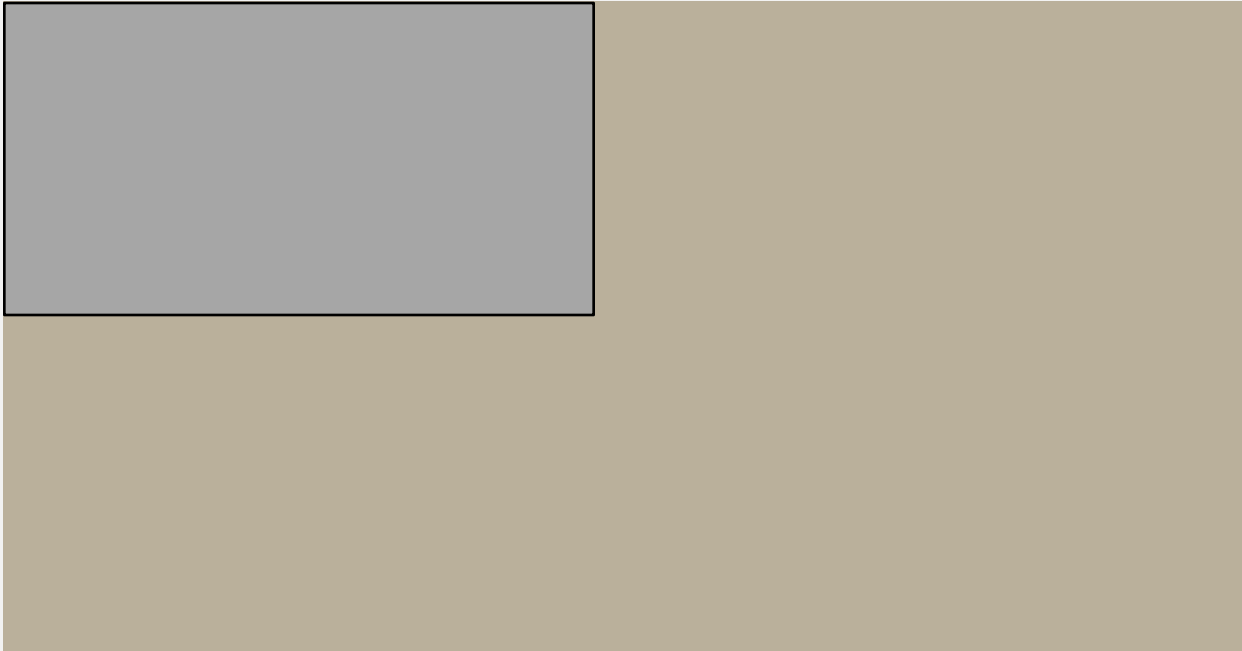- static

- relative

- fixed

- absolute

POSITION: STATIC

POSITION: STATIC

```
left:30px;
```
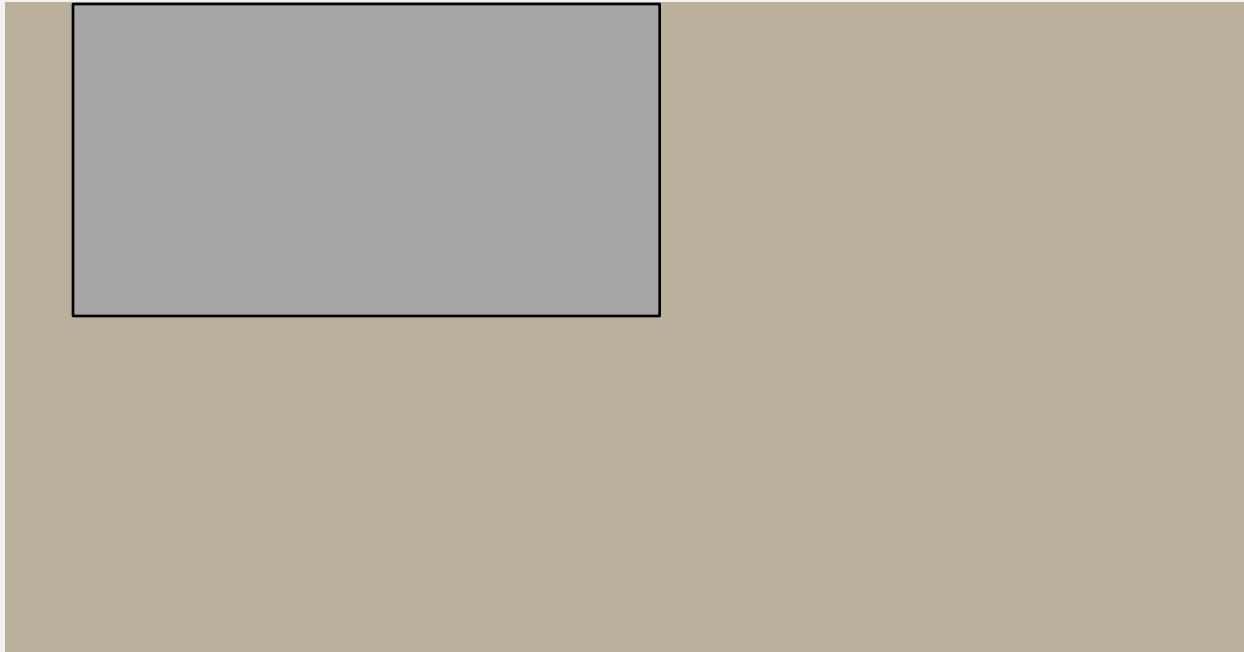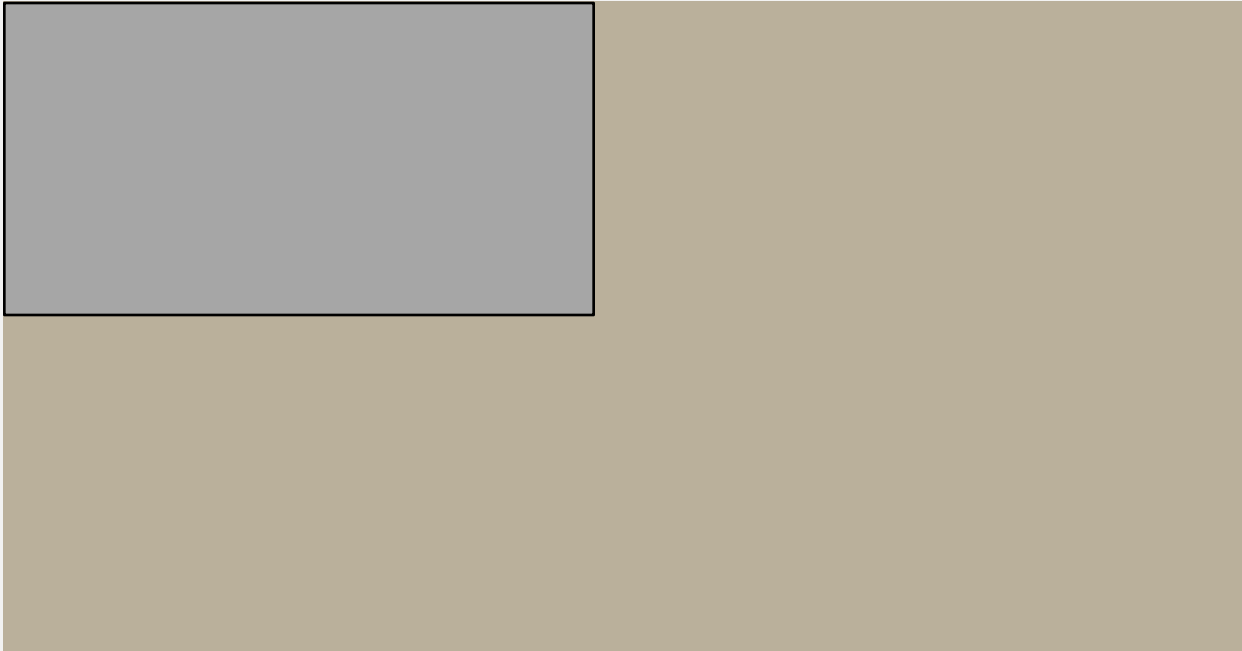
POSITION: RELATIVE

POSITION: RELATIVE
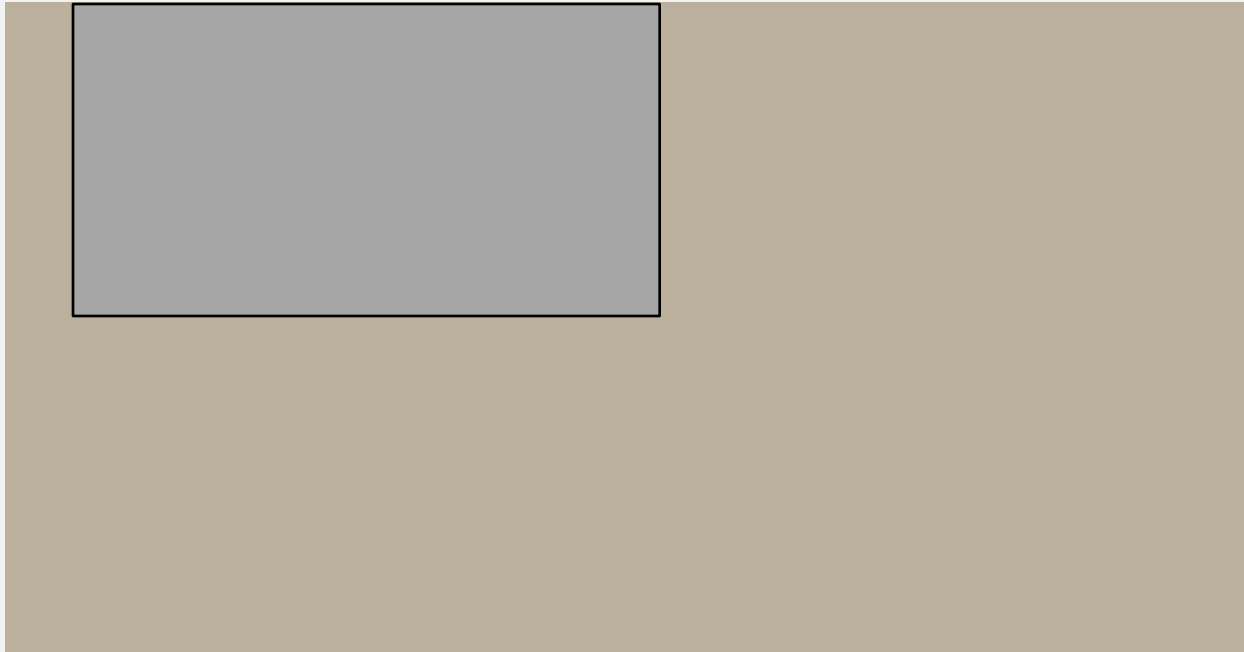
```
left:30px;
```

POSITION: FIXED
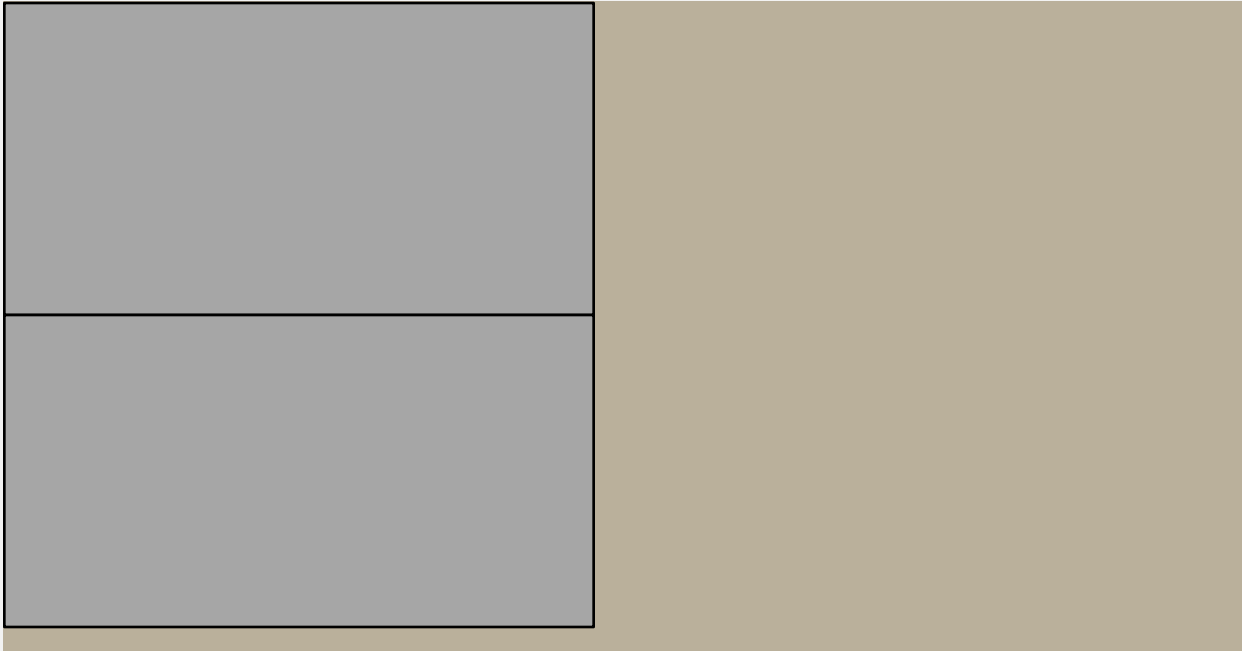
POSITION: ABSOLUTE

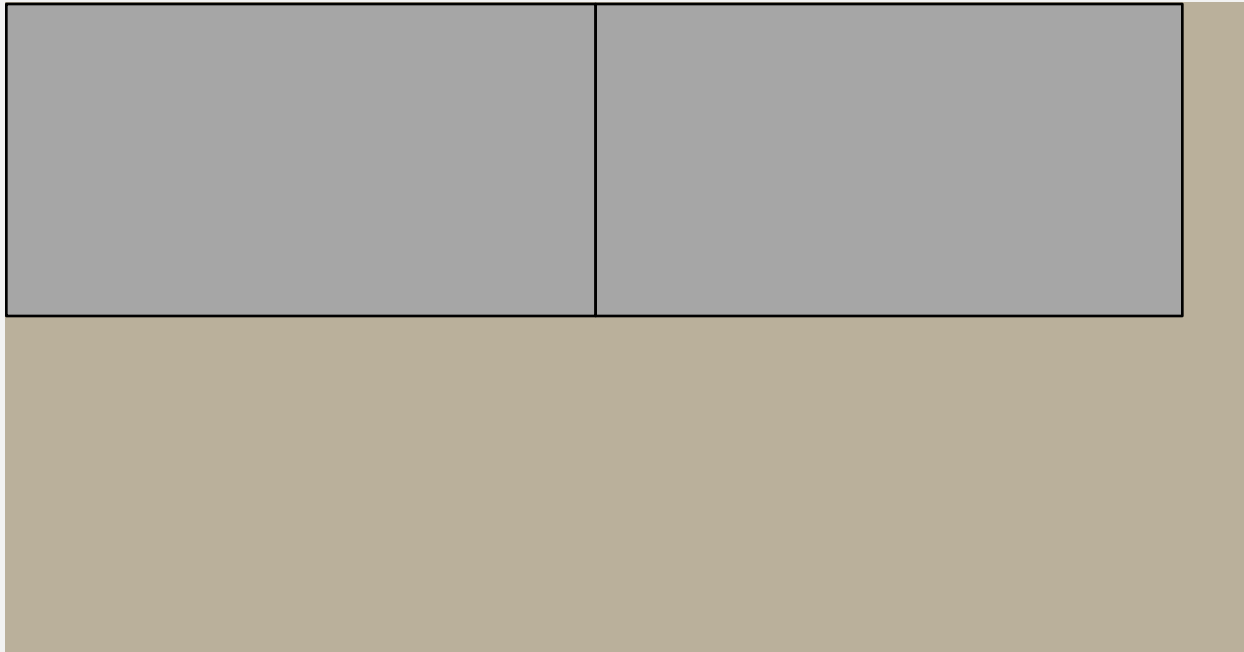# POSITION: ABSOLUTE

```
left:30px;
```

POSITION: ABSOLUTE

is positioned relative
to the nearest
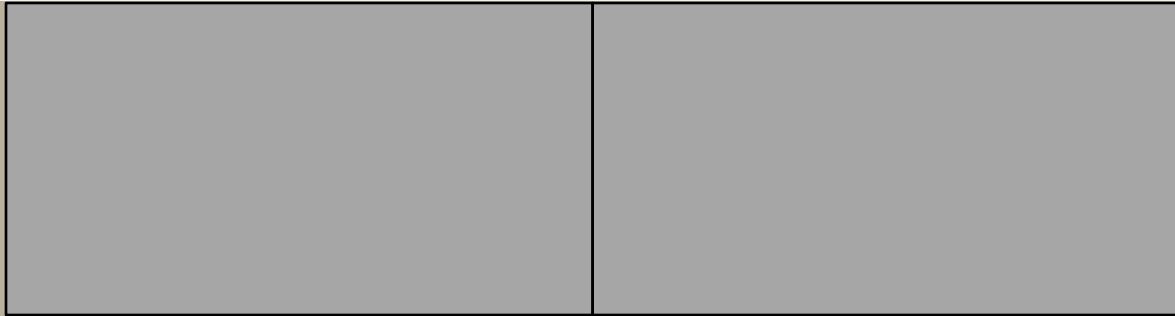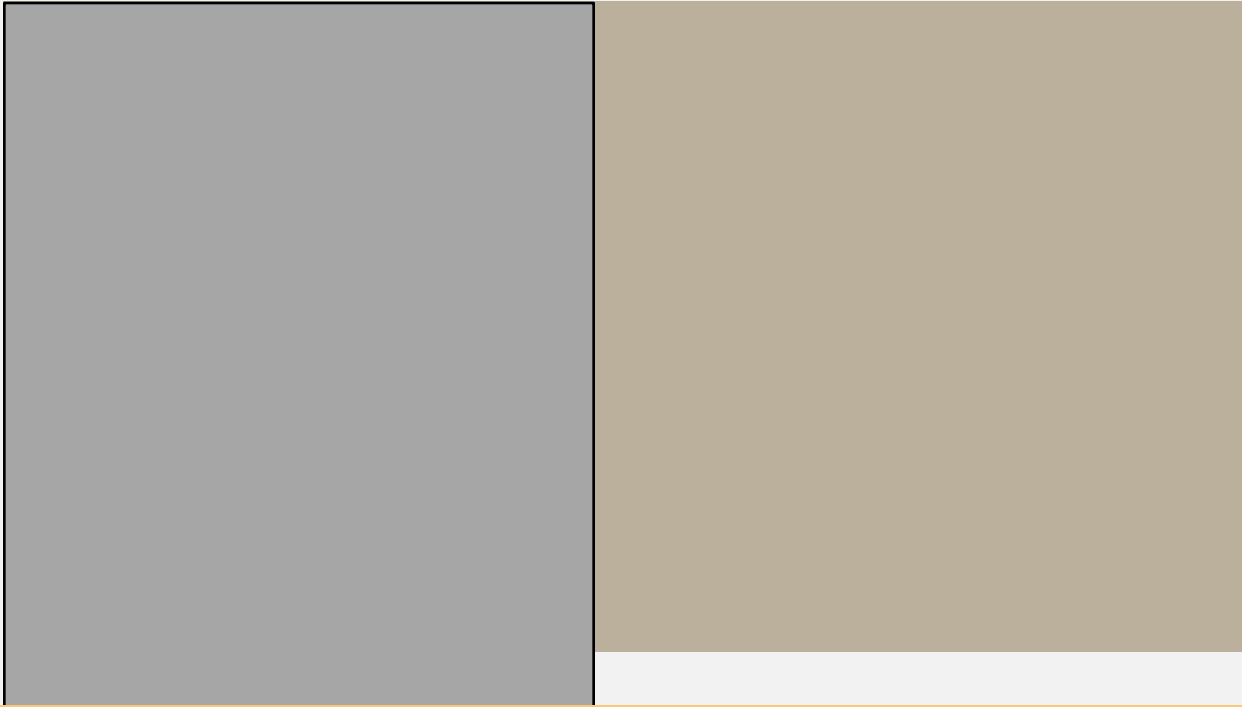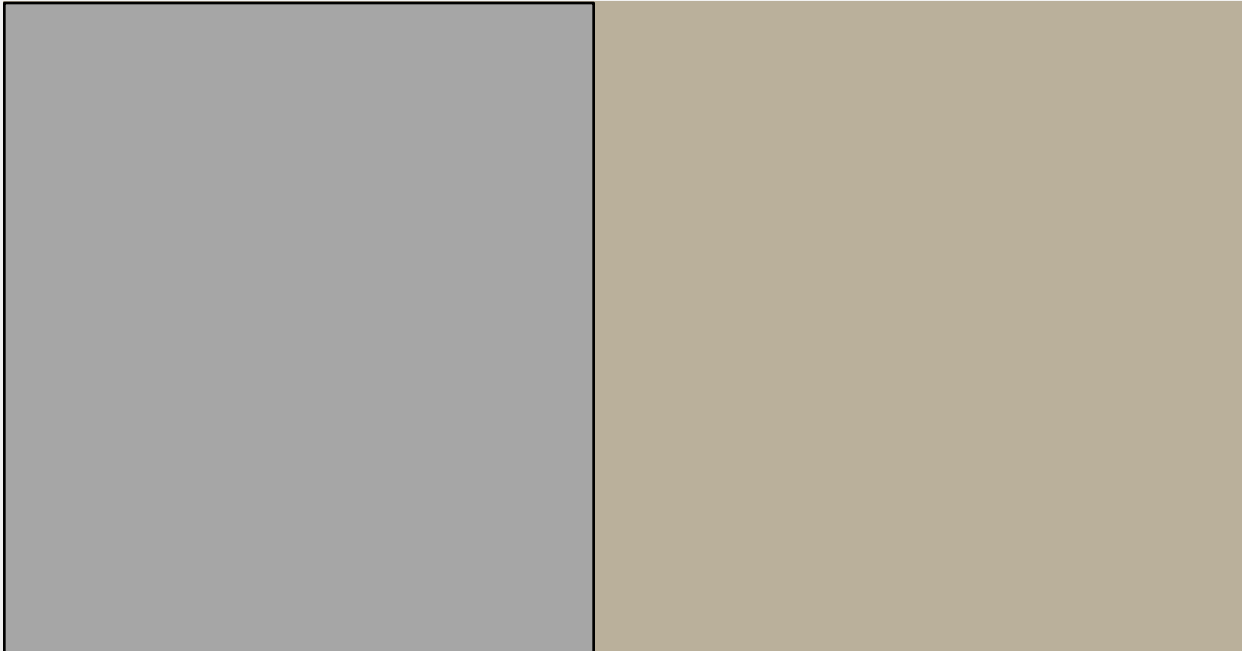positioned ancestor

FLOAT

FLOAT

```
float: left;
```

FLOAT

```
float: right;
```

OVERFLOW

`overflow: visible;`

OVERFLOW

```
overflow: hidden;
```
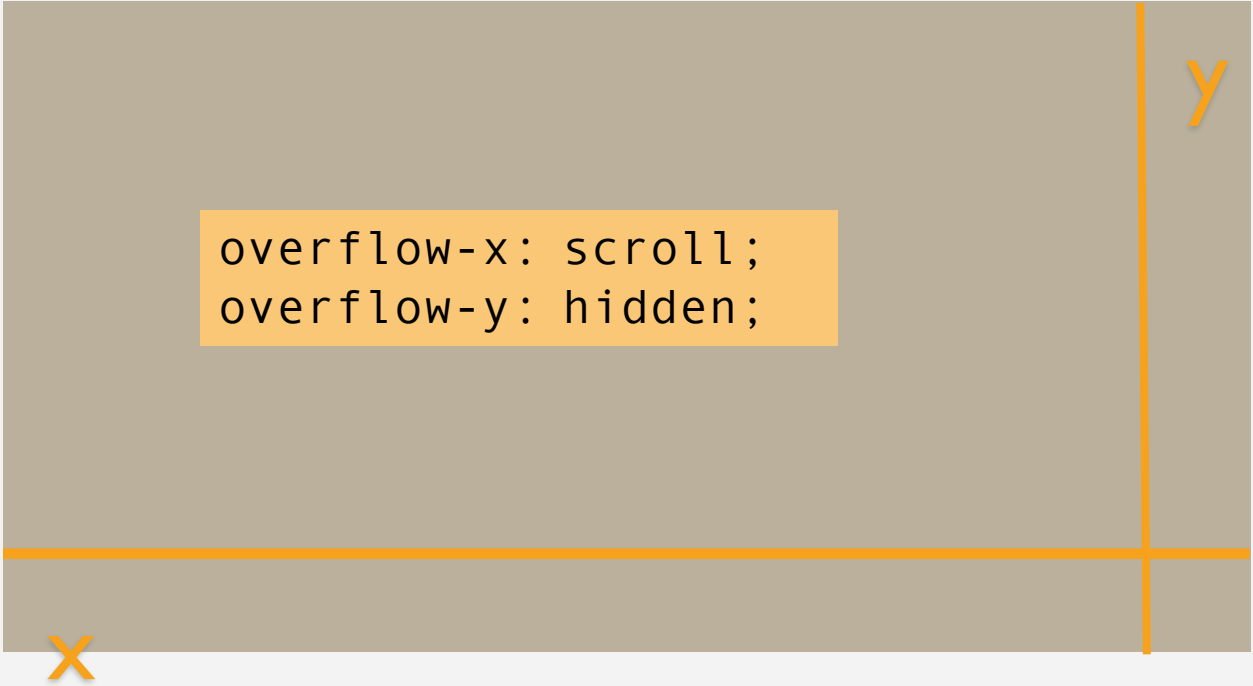
OVERFLOW
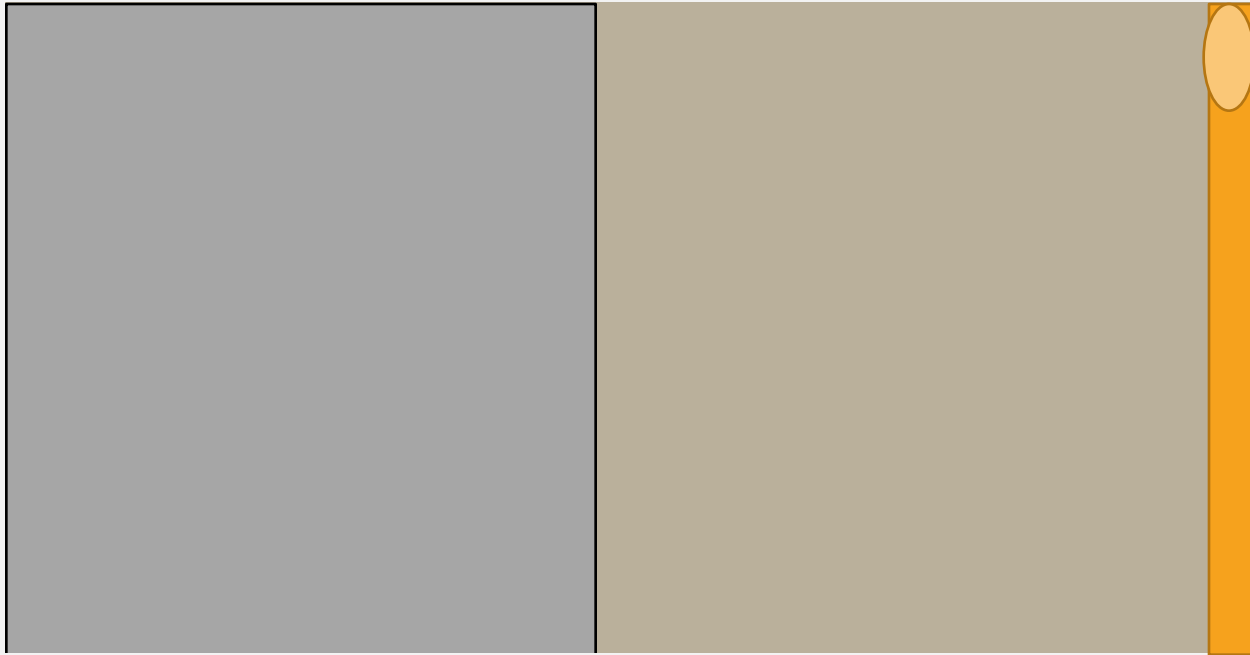
overflow: scroll;

OVERFLOW

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

y

x

SELECTIONS

But more complex

SELECTIONS

```css
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
}
```

ATRIBUTES

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

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

```css
[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

ZIN IN HET LEVEN

WAT ZOEK
JE IN DE BIB?

KLASPRAKTIJK

klaspraktijk

volledige praktijk-bib

✖ WIS FILTERS

QUESTIONS?

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