CSS Units

Absolute: Pixels

```
font-size: 12px;
width: 400px;
```

Relative: Percentages

```
font-size: ...

width: 50%;
      12px;
```

Relative: em

```
font-size: :
width: 5em;
      12px;
```

The Box Model

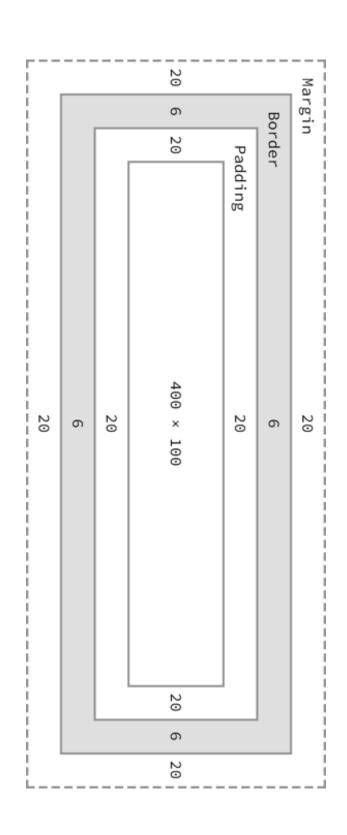
```
<BODY>
<H1>H1 Heading</H1>
<P>Paragraph 1</P>
<P>Paragraph 2</P>
</BODY>
</HTML>
                                                                                                                                              <HTML>
                                                                                              <HEAD>
<TITLE>Title Text</TITLE>
</HEAD>
                                                                                                                                              Document (HTML
                                                                 H1 Heading
             Paragraph 2
                                       Paragraph 1
                                                                                                                Title Text
                                                                                                                                  Head
                                                                                  Body
```

Every element on a page is a rectangular box

Every box element may have width, height, padding, border, and margins.

```
margin: 20px;
                        padding:
                                     height: 100px;
                                                                                                          20
                                                                                                                                               Margin
                                                                                                          6
                                                                                                                                      Border
                                                 400px;
                                                                                                          20
                                                                                                                           Padding
             6px solid
                        20px;
              #949599;
                                                                                                          400 × 100
                                                                                                                            20
                                                                                        20
                                                                                                                                                20
                                                                               6
                                                                                                          20
                                                                                                           0
```

The box model is additive.



= 400 + 2*20 + 2*6 + 2*20Total element width = 496px

width and height

```
{
width:
height:
200px;
400px
```

```
margin
margin
height
                                  and padding
20px;
400px
```

```
margin:
20px;
```

```
margin:
20px
50px;
```

```
margin: 20px 50px 10px 100px;
```

```
margin-top:
margin-left:
50px;
10px;
```

Page Flow

block-level vs inline-level

```
display property
display:
 block;
```

display property

```
display:
 inline;
```

display property

```
display:
none;
```

Positioning Content

The Grid System

Mair .large	Неа	_
Main Content large-8.columns	Header .small-12.columns	2
ent umns	mall-1	ω
	2.colu	4
	sum	Un
		6
		7
		00
Side .larg		9
Sidebar .large-4.co		10
Sidebar large-4.columns		3
		12

the float property

```
float:
right;
```

Absolute Positioning

```
positi
top: 1
right:
ition:
10px;
· 50px;
                  absolute
```

Relative Positioning

```
positi
top: 1
right:
. tion:
10px;
50px;
                 relative
```