

CSS 2

All classes

1

Padding

- distance from border to content
 - inner distance
- NOTE
 - padding + width = width of the box

2

Padding

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <title>css_04</title>
  <link href="css/css_04.css" rel="stylesheet" type="text/css">
</head>
<body>
  <header id="header">Text</header>
  <div id="content">
    <div id="block1">Text 1</div>
    <div id="block2">Text 2</div>
    <div id="block3">Text 3</div>
    <div id="block4">Text 4</div>
  </div>
  <footer id="footer"></footer>
</body>
</html>
```

+

```
#header{
  background: #CCC;
  margin: 25px 10px 50px 10px;
}

#content{
  background: #CCC;
  color: #FFF;
}

/*
#block1, #block2, #block3, #block4 {
  padding: 10px;
}
*/

#block1{
  background: #111;
  padding: 20px;
}

#block2{
  background: #222;
}

#block3{
  background: #333;
}

#block4{
  background: #444;
}
```

=

Text

Text 1

Text 2
Text 3
Text 4

3

Padding

commented
out!

```
#header{
  background: #CCC;
  margin: 25px 10px 50px 10px;
}

#content{
  background: #CCC;
  color: #FFF;
}

/*
#block1, #block2, #block3, #block4 {
  padding: 10px;
}
*/

#block1{
  background: #111;
  padding: 20px;
}

#block2{
  background: #222;
}

#block3{
  background: #333;
}

#block4{
  background: #444;
}
```

Text

Text 1

Text 2
Text 3
Text 4

4

Padding

commented **in!**

```
#header{
  background: #CCC;
  margin: 25px 10px 50px 10px;
}

#content{
  background: #CCC;
  color: #FFF;
}

#block1, #block2, #block3, #block4 {
  padding: 10px;
}

#block1{
  background: #111;
  padding: 20px;
}

#block2{
  background: #222;
}

#block3{
  background: #333;
}

#block4{
  background: #444;
}
```

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Sizes

- for different things
 - boxes (div, p, span, table, ...)
 - font size
 - images
- examples
 - height: 100px
 - width: 100%
- math
 - div; width: **400px** } 500px on the screen
 - padding: **50px**

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Sizes I

- math
 - div; width: **100%**
 - padding: **10%**
- } **120%** width of the screen
-> scrolling

```
<body>
<header id="header">
</header>
<div id="content">
  <div id="block1"></div>
  <div id="block2"></div>
  <div id="block3"></div>
  <div id="block4"></div>
</div>
<footer id="footer">
</footer>
</body>
```

```
#header{
  background: #CCC;
  width: 100%;
  padding: 10%;
}

#content{
}
```

10% of the containing (outer) element / box

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Sizes I

- math
 - div; width: **80%**
 - padding: **10%**
- } **100%** width of the screen
-> **NO** scrolling

```
<body>
<header id="header">
</header>
<div id="content">
  <div id="block1"></div>
  <div id="block2"></div>
  <div id="block3"></div>
  <div id="block4"></div>
</div>
<footer id="footer">
</footer>
</body>
```

```
#header{
  background: #CCC;
  width: 80%;
  padding: 10%;
}

#content{
}
```

10% of the containing (outer) element / box

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Sizes 1

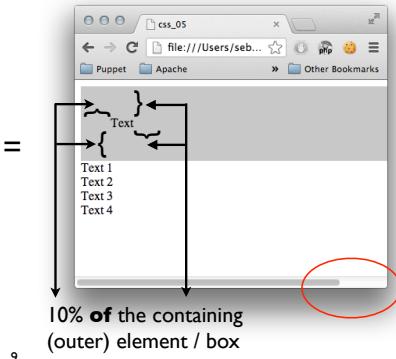
- math

- div; width: **100%**
- padding: **10%**

} 120% width **of** the screen
-> scrolling

```
<body>
<header id="header">
</header>
<div id="content">
<div id="block1"></div>
<div id="block2"></div>
<div id="block3"></div>
<div id="block4"></div>
</div>
<footer id="footer">
</footer>
</body>
```

```
#header{
background: #CCC;
width: 100%;
padding: 10%;
}
#content{
}
```



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Sizes 2

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8" />
<title>css_05</title>
<link href="css/css_05.css" rel="stylesheet" type="text/css">
</head>
<body>
<header id="header">
</header>
<div id="content">
<div id="block1"></div>
<div id="block2"></div>
<div id="block3"></div>
<div id="block4"></div>
</div>
<footer id="footer">
</footer>
</body>
</html>
```

```
{
margin: 0;
padding: 0;
}
#header{
background: #CCC;
width: 90%;
padding: 5%;
}
#content{
width: 960px;
height: 700px;
background: #666;
margin: 5% 0 0 5%;
}
```

#header
100% width (of the browser)

#content
width: 960px;
height: 700px;
background: #666;
margin: 5% 0 0 5%;

browser

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Sizes 2

- change #content to

```
#content{
width: 960px;
height: 700px;
background: #666;
margin: 5% 0 0 5%;
}
```

```
#content{
width: 100%;
height: 700px;
background: #666;
margin: 5% 0 0 5%;
}
```

```
#content{
width: 95%;
height: 700px;
background: #666;
margin: 5% 0 0 5%;
}
```

```
#content{
width: 95%;
height: 700px;
background: #666;
margin: 5% 0 0 5%;
}
```

```
#content{
width: 95%;
height: 700px;
background: #666;
margin: 5% 0 0 5%;
}
```

```
#header{
background: #CCC;
width: 100px;
padding: 5px 0 0 10px;
margin: auto 0 auto auto;
}
```

```
#header{
background: #CCC;
width: 300px;
padding: 5px 0 0 10px;
margin: auto 0 auto auto;
}
```

```
#header{
background: #CCC;
width: 300px;
padding: 5px 0 0 10px;
margin: auto 0 auto auto;
}
#content{
margin: 20px 0 0 0;
width: 95%;
height: 700px;
background: #666;
padding: 5% 0 0 5%;
}
```

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Sizes 2

- center the #block1, #block2, ... and change the width

```
#block1{
background: #111;
margin: 0 auto 0 auto;
width: 600px;
}
#block2{
background: #222;
margin: 0 auto 0 auto;
width: 500px;
}
#block3{
background: #333;
margin: 0 auto 0 auto;
width: 400px;
}
#block4{
background: #444;
margin: 0 auto 0 auto;
width: 300px;
}
```

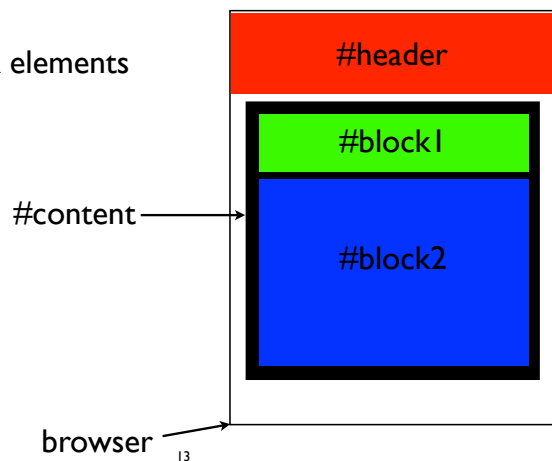
optimization

```
#content div{
margin: 0 auto 0 auto;
}
#block1{
background: #111;
width: 600px;
}
#block2{
background: #222;
width: 500px;
}
#block3{
background: #333;
width: 400px;
}
#block4{
background: #444;
width: 300px;
}
```

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Sizes 3

- three block elements in one line



Sizes 3

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <title>css_06</title>
  <link href="css/css_06.css" rel="stylesheet" type="text/css">
</head>
<body>
  <header id="header">
    Header
  </header>
  <div id="content">
    <div id="block1">block1</div>
    <div id="block2">block2</div>
  </div>
  <footer id="footer">
  </footer>
</body>
</html>
```

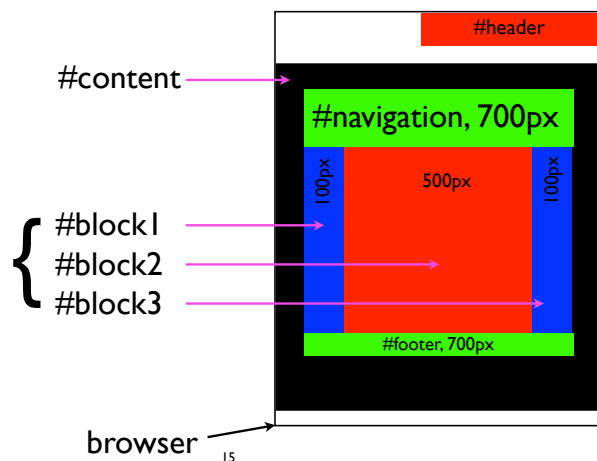
```
/*
body{
  padding: 0;
  margin: 0;
}
#header{
  background: red;
}
#content{
  background: black;
  margin: 10px 30px 0 30px;
  padding: 10px;
}
#block1{
  background: green;
  height: 50px;
}
#block2{
  background: blue;
  margin: 10px 0 0 0;
  height: 300px;
}
```

```
body{
  padding: 0;
  margin: 0;
}
#header{
  background: red;
}
#content{
  background: black;
  margin: 10px 30px 0 30px;
  padding: 10px;
}
#block1{
  background: green;
  height: 50px;
}
#block2{
  background: blue;
  margin: 10px 0 0 0;
  height: 300px;
}
```

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Sizes 4

- three block elements in one line

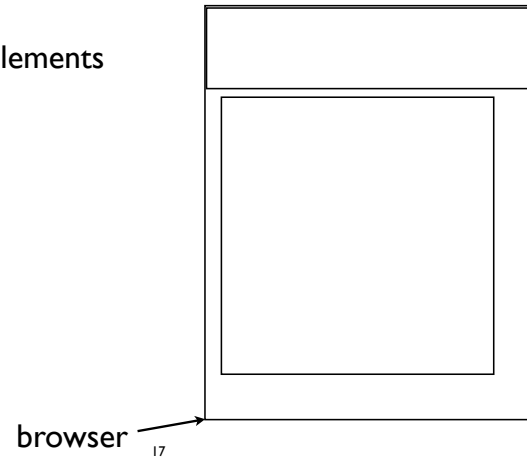


Sizes 4

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Sizes

- three block elements
in one line



Exercises