

CSS A Simple Introduction

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CSS Selectors



Selectors, IDs and Classes

```
.container {  
  text-align: center;  
  font-size: 100px;  
}  
  
#only-container {  
  /* xxxx */  
}
```

```
</h1></h1></h1>  
<div class="container" id="only-container">  
  <p>Hello world</p>  
</div>
```

Chrome Dev Tools

The screenshot displays the Chrome DevTools interface for the `div.container` element. The **Styles** panel on the left shows the following CSS rules:

```
element.style {  
}  
@media (min-width: 1200px) {  
  .container {  
    width: 1170px;  
  }  
}  
@media (min-width: 992px) {  
  .container {  
    width: 970px;  
  }  
}  
@media (min-width: 768px) {  
  .container {  
    width: 750px;  
  }  
}  
.container {  
  padding-right: 15px;  
  padding-left: 15px;  
}
```

The **Properties** panel on the right shows a box model diagram with the following dimensions:

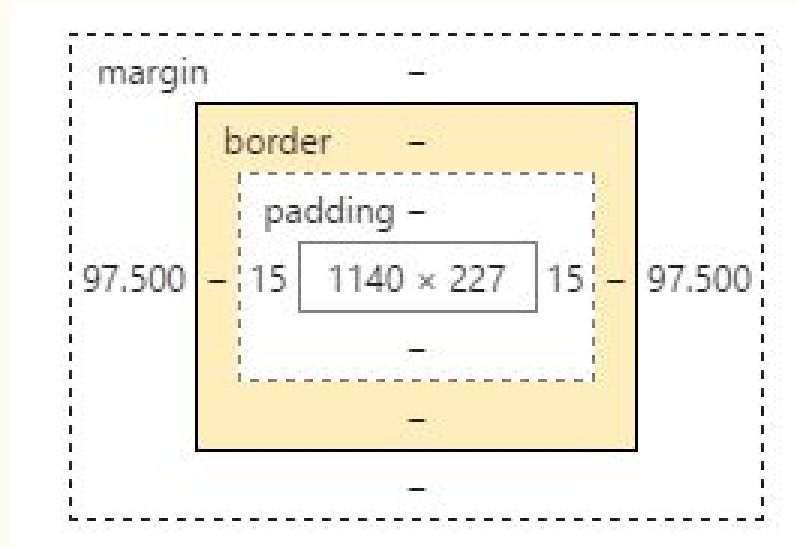
- margin: 97.500px
- border: 15px
- padding: 15px
- Content area: 1140 × 227px

The diagram illustrates the relationship between these dimensions, showing the content area nested within the padding, border, and margin.

Below the diagram, the **Filter** section shows a list of properties with a **Show all** button:

- ▶ box-sizing: border-box
- ▶ color: rgb(51, ..
- ▶ display: block
- ▶ font-family: "Helvetica..
- ▶ font-size: 14px

Margin, Border and Padding



N ways to put an element in the middle

- How to put an element in the middle?

Bootstrap

—

What is Bootstrap?

- Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.
- We'll discuss it since we can write a web page easily.
- We won't cover JS.

How to include?

- CDN

```
<!-- Latest compiled and minified CSS -->  
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"  
integrity="sha384-BVYiISIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
```

- CDN China

```
<!-- 最新版本的 Bootstrap 核心 CSS 文件 -->  
<link rel="stylesheet" href="https://cdn.bootcss.com/bootstrap/3.3.7/css/bootstrap.min.css"  
integrity="sha384-BVYiISIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
```

- Bower & npm

- bower install bootstrap
- npm install bootstrap@3

A simple page

- <http://getbootstrap.com/examples/starter-template/>

Grid System

- <http://getbootstrap.com/css/#grid>

Flexbox



Flexbox

- <http://cssreference.io/flexbox/>

Resources

- Codecademy. <https://www.codecademy.com/learn/web>
- Bootstrap Doc. <https://getbootstrap.com>
- CSS Reference. <http://cssreference.io/>

Q & A

