

CSS Box Model



Shoaib Ghachi

MCT | Technical Trainer | Mentor |SME

Overview

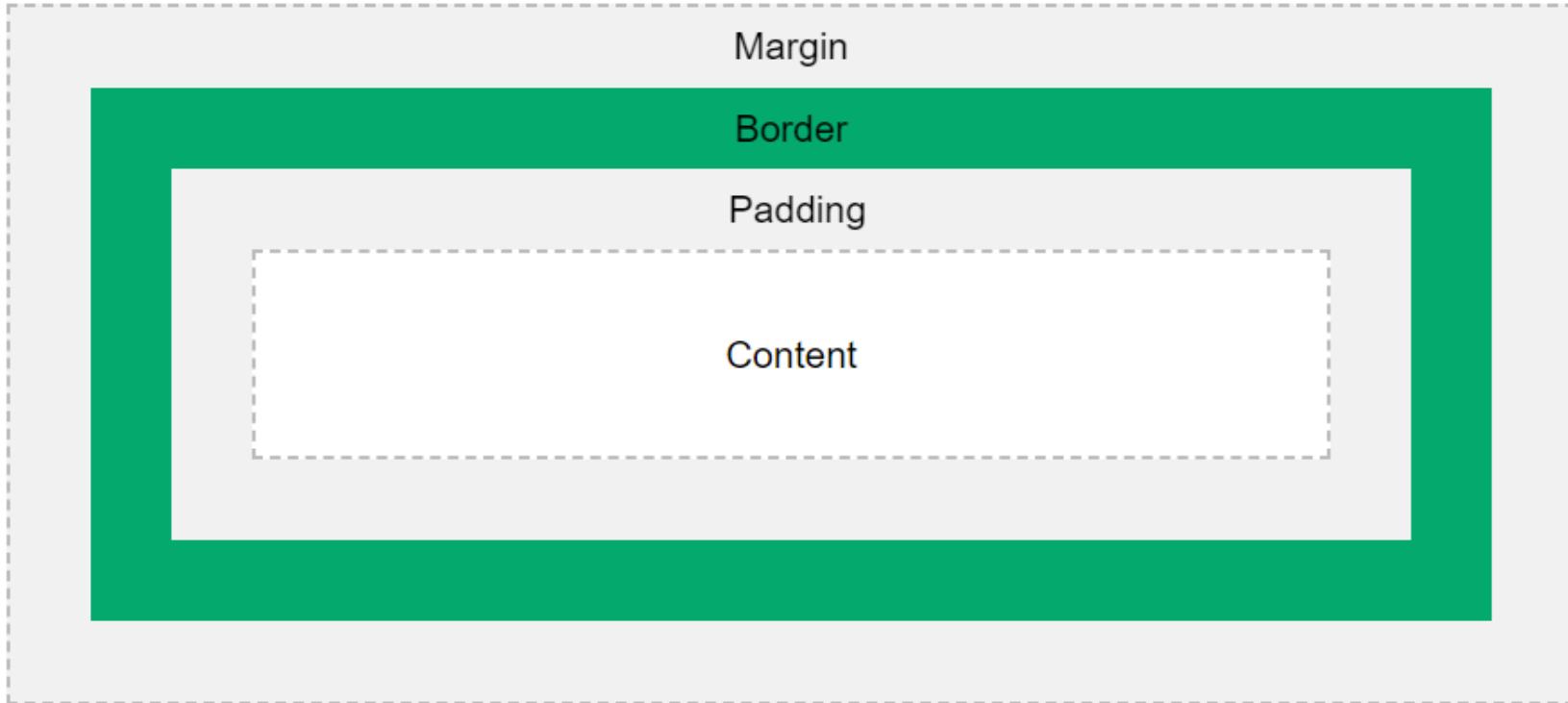


CSS Box Model

Width and Height of an Element

CSS Box Model

- In CSS, the term "box model" is used when talking about design and layout.
- The CSS box model is essentially a box that wraps around every HTML element. It consists of: margins, borders, padding, and the actual content.



- **Content** - The content of the box, where text and images appear
- **Padding** - Clears an area around the content. The padding is transparent
- **Border** - A border that goes around the padding and content
- **Margin** - Clears an area outside the border. The margin is transparent

Width and Height of an Element

- **Width and Height**

In order to set the width and height of an element correctly in all browsers, you need to know how the box model works.

```
div {  
    width: 320px;  
    padding: 10px;  
    border: 5px solid gray;  
    margin: 0;  
}
```

320px (width)
+ 20px (left + right padding)
+ 10px (left + right border)
+ 10px (left + right margin)
= 350px

References

https://www.w3schools.com/css/css_boxmodel.asp

<https://www.mygreatlearning.com/blog/css-tutorial/>

<https://www.scaler.com/topics/css/css-box-model/>

<https://www.geeksforgeeks.org/css-box-model/>

<https://www.javatpoint.com/css-box-model>

<https://www.simplilearn.com/tutorials/css-tutorial/css-box-model>

<https://web.dev/learn/css/box-model/>