

CSS Box Model



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Overview

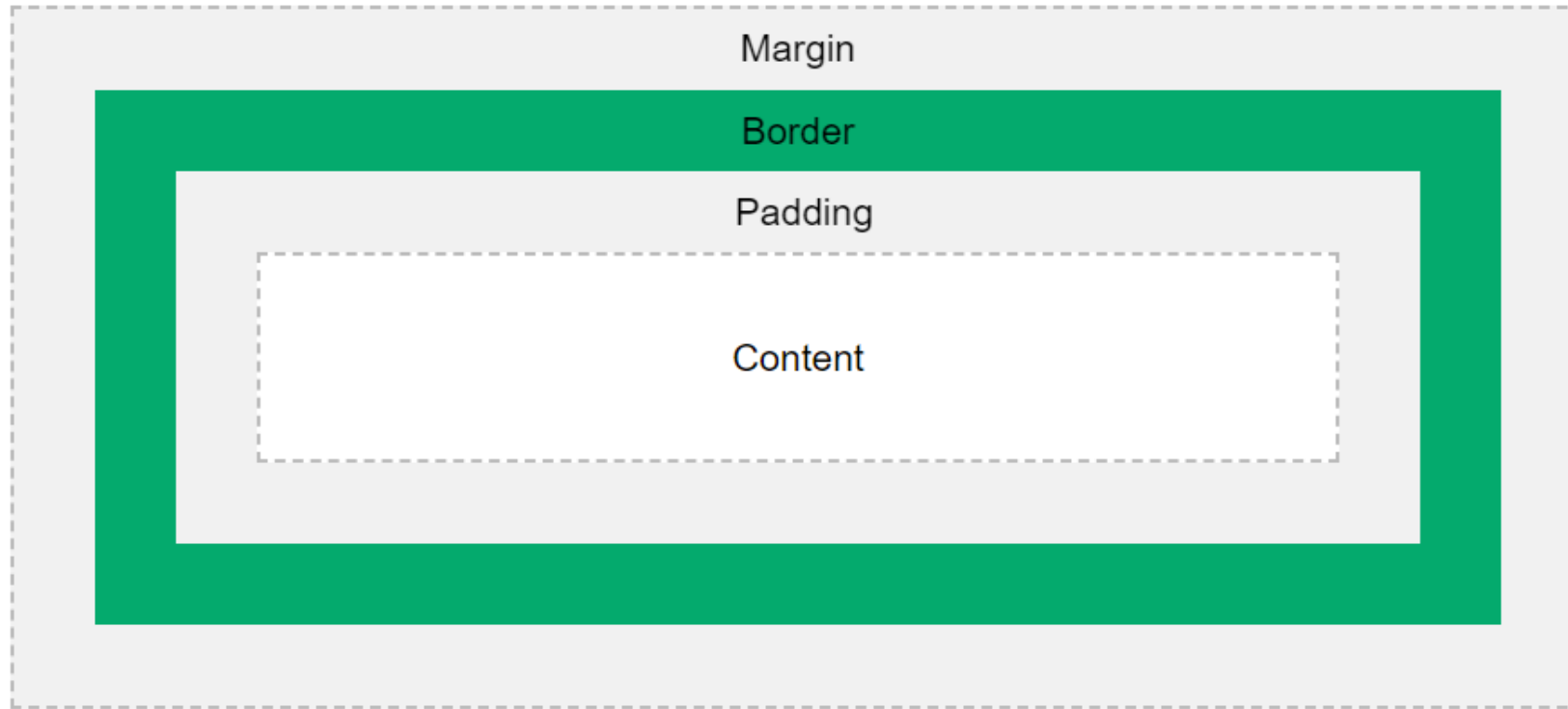


CSS Box Model

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

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

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