

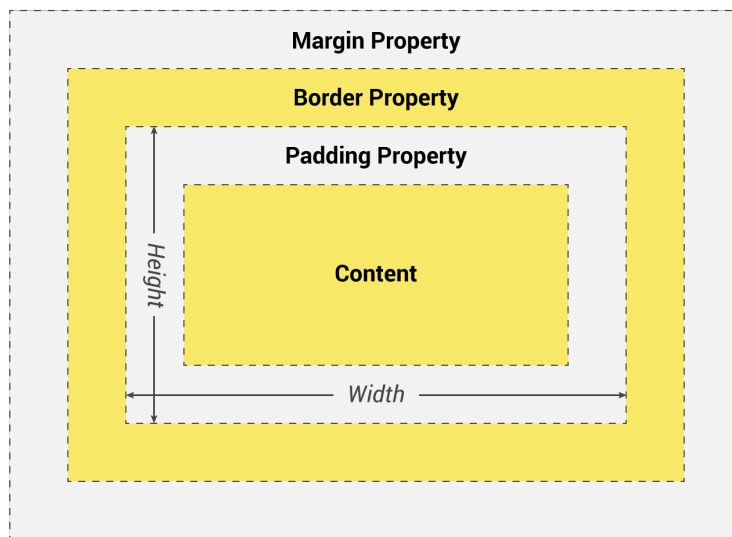
The CSS Box Model

The **CSS box model** is the default box model in CSS. With the box model, every element in a document generates a box where you can apply properties such as width, height, padding, borders, and margins.

In the graphic below, a CSS "box" has the following:

- margins that separate it from other boxes
- borders that can exhibit different colors and styles
- padding that separates the border from content
- text, etc. that serves as content

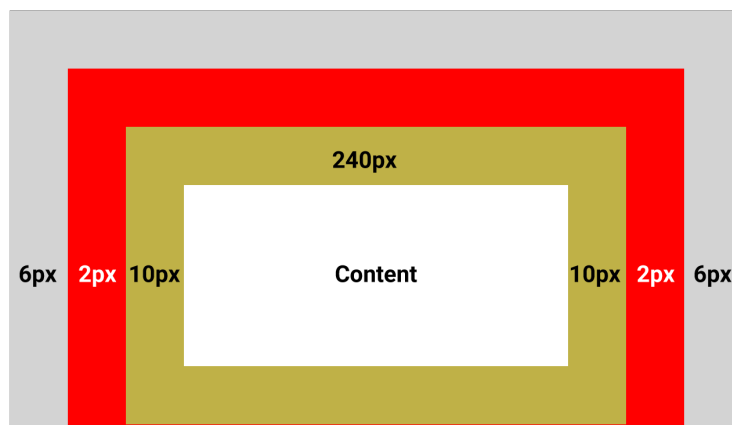
CSS Box-Model Property



CSS Box Model

To determine the overall width of an element on a page, you must add together the value of the width property, plus any padding, margin, and border on the left and right sides of the box. Consider the following code syntax and graphic:

```
article {  
  width: 240px;  
  border: 2px solid red;  
  padding: 10px;  
  margin: 6px;  
}
```





The overall width for this element is:

$$6\text{px} + 2\text{px} + 10\text{px} + 240\text{px} + 10\text{px} + 2\text{px} + 6\text{px} + = 276\text{px wide}$$

Interactive Game: Calculating Width with the CSS Box Model

Calculate the overall width for each element. Drag the correct width measurement to the image. Watch for feedback.

watch here for feedback

1047 px 725 px 920 px 930 px

MARGIN

BORDER

PADDING

CONTENT AREA
700

20 5

0/4 Complete!

Reset Print Sound on