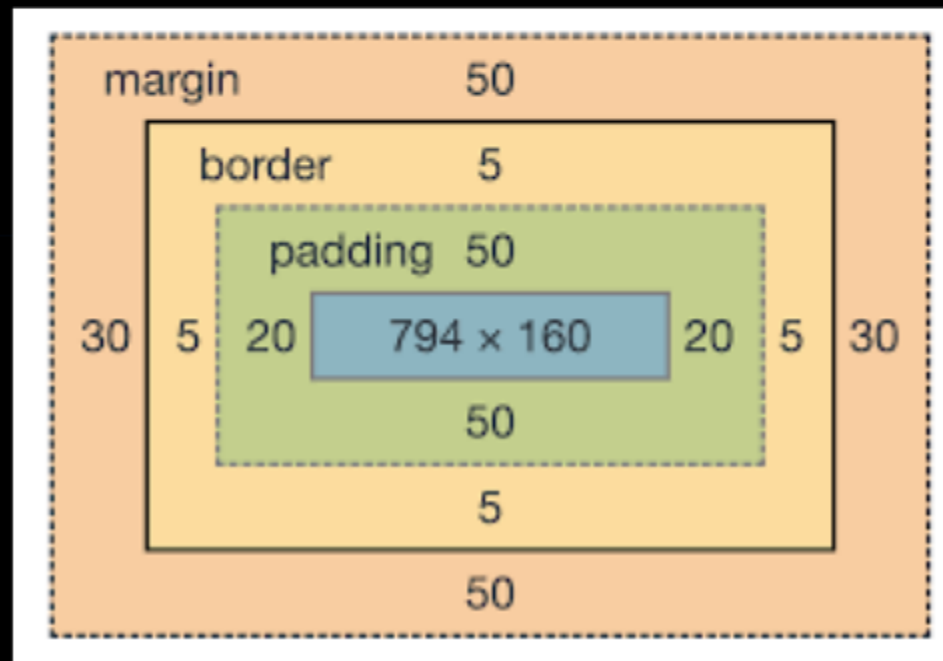# Box model in CSS

- Content: The text "This is the content of the box" is the content of the box. It is displayed within the box according to the box's width and height.
- Padding: The padding is the space between the content and the border. In this example, there is 20 pixels of padding on all sides of the box.
- Border: The border is the line around the edge of the box. In this example, there is a 5-pixel solid black border around the box.
- Margin: The margin is the space outside of the border. In this example, there is 50 pixels of margin on all sides of the box.

```
<div class="box">
    This is the content of the box.
</div>

.box {
  width: 200px;
  height: 100px;
  padding: 20px;
  border: 5px solid black;
  margin: 50px;
}
```

Padding in CSS

In CSS, padding is the space between an element's content and its border. It is the area between the content and the element's border, and it can be set for top, right, bottom, and left sides of an element. Padding can be specified in pixels, ems, rems, or percentages.

```css
div {
  padding: 20px;
}
```

```css
div {
  padding: 10px 20px 30px 40px;
}
```

```css
div {
  padding-top: 10px;
  padding-right: 20px;
  padding-bottom: 30px;
  padding-left: 40px;
}
```

padding: top, right, bottom, left;

Margin in CSS

In CSS, margin is the space around an element, outside of its border. It is the area between the border and the outside edge of the element. Margins can be set for top, right, bottom, and left sides of an element, and they can be specified in pixels, ems, rems, or percentages.

```css
div {
    margin: 20px;
}
```

```css
div {
    margin: 10px 20px 30px 40px;
}
```

```css
div {
    margin-top: 10px;
    margin-right: 20px;
    margin-bottom: 30px;
    margin-left: 40px;
}
```

margin: top, right, bottom, left;