

THE BOX MODEL

Browser

div 100% width + height

```
body{  
  margin: 0;  
  padding: 0;  
  height: 100%;  
}
```

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Unwanted
overhang!

padding added to
the width by default

The new width is
 $50\% + 20\text{px}$

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div 50% width
+padding: 10px;
+border: 1px;

div 50% width
+padding: 10px;
+border: 1px;

Unwanted
overhang!

padding and
border added to
the width by default

The new width is
50% + 20px + 2px

SOLUTION

- ▶ To include the padding and border in the size of the box use the following CSS rule:
- ▶ `box-sizing: border-box;`
- ▶ This includes both padding and border in the size now, BUT NOT margin!

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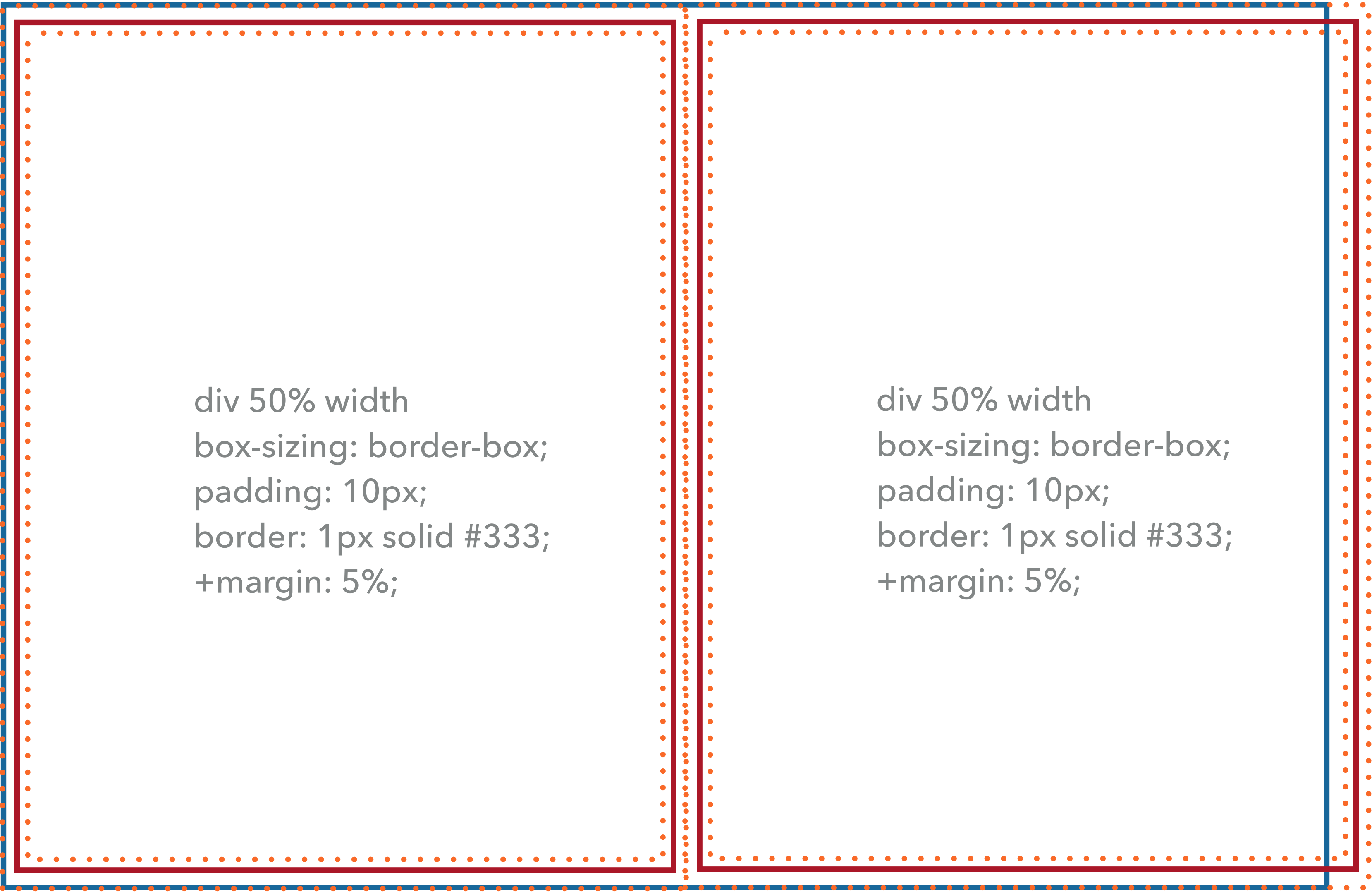
Browser



NO unwanted
overhang!

THE BOX MODEL

Browser



Unwanted
overhang!

Width of element is
50% + 10%

THE BOX MODEL

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div **40%** width
box-sizing: border-box;
padding: 10px;
border: 1px solid #333;
+margin: **5%**;

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box-sizing: border-box;
padding: 10px;
border: 1px solid #333;
+margin: **5%**;

No Unwanted
overhang!

Width of element is
40% + 10%