

Class 09

CSS Float, Clear & Overflow

What is CSS Float Property?

The CSS float property specifies how an element should float. The float property is used for positioning and formatting content e.g. let an image float left to the text in a container.

Values:

- **left:** Floats the element to the left.
- **right:** Floats the element to the right.
- **none:** Default (no float).
- **inherit:** Takes the float value from the parent.

```
<style>
img {
  float: right;
}
```

Float Right

In this example, the image will float to the right in the paragraph, and the text in the paragraph will wrap around the image.

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What is CSS Clear Property?

When we use the float property, and we want the next element below (not on right or left), we will have to use the clear property.

Values:

- **left:** No elements on the left of this one.
- **right:** No elements on the right.
- **both:** Clears both sides.
- **none:** Default.

CASCADING STYLE SHEET (CSS)

CSS

<pre><style> .div1 { float: left; padding: 10px; border: 3px solid #73AD21; } .div2 { padding: 10px; border: 3px solid red; } .div3 { float: left; padding: 10px; border: 3px solid #73AD21; } .div4 { padding: 10px; border: 3px solid red; clear: left; } </style></pre>	<h3>Without clear</h3> <div><div>div1</div><div>div2 - Notice that div2 is after div1 in the HTML code. However, since div1 floats to the left, the text in div2 flows around div1.</div></div> <h3>With clear</h3> <div><div>div3</div><div>div4 - Here, clear: left; moves div4 down below the floating div3. The value "left" clears elements floated to the left. You can also clear "right" and "both".</div></div>
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What is CSS Overflow Property?

The CSS overflow property controls what happens to content that is too big to fit into an area.

Values:

- **visible (default):** Content overflows visibly.
- **hidden:** Extra content is cut off.
- **scroll:** Adds scrollbars.
- **auto:** Adds scrollbars only if needed.

<pre><style> #overflowTest { background: #4CAF50; color: white; padding: 15px; width: 50%; height: 100px; overflow: scroll; border: 1px solid #ccc; } </style></pre>	<h3>CSS Overflow</h3> <p>The overflow property controls what happens to content that is too big to fit into an area.</p> <div><p>This text is really long and the height of its container is only 100 pixels. Therefore, a scrollbar is added to help the reader to scroll the content. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam</p></div>
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