

# CSS Layout - float - clear and clearfix

- description : CSS float - clear and clearfix
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## The source of this article

- [CSS float - clear and clearfix](#)

## The clear Property

clear : none, left, right, both, inherit

clear

clear : none, left, right, both, inherit

- none -
- left -
- right -
- both -
- inherit -

floats : none, left, right, clear, both, inherit

clear : none, left, right, both, inherit

float : none, left, right, clear, both, inherit

```
<!DOCTYPE html>
<html lang="en">
```

```
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Without/With clear</title>
  <style>
    .div1 {
      float: left;
      width: 100px;
      height: 50px;
      margin: 10px;
      border: 3px solid green;
    }

    .div2 {
      border: 2px solid red;
    }

    .div3 {
      float: left;
      width: 100px;
      height: 50px;
      margin: 10px;
      border: 3px solid green;
    }

    .div4 {
      border: 2px solid red;
      clear: left;
    }
  </style>
</head>

<body>
  <h2>Without clear</h2>
  <div class="div1"><strong>div1</strong></div>

  <div class="div2">
    <strong>div2</strong> - 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>
  <br><br>

  <h2>With clear</h2>
  <div class="div3"><strong>div3</strong></div>
  <div class="div4"><strong>div4</strong> - 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>
</body>

</html>
```

## The clearfix Hack

가 , float , overflow: auto 가 .

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Clearfix</title>
  <style>
    div {
      border: 3px solid green;
      padding: 5px;
    }

    .img1 {
      float: right;
    }

    .clearfix {
      overflow: auto;
    }

    .img2 {
      float: right;
    }
  </style>
</head>

<body>
```

```
<h2>Clearfix</h2>

<p>
  In this example, the image is taller than the element containing it,
  and it is floated, so it overflows outside of its container:
</p>

<div>
  
  Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus
  imperdiet, nulla et dictum interdum...
</div>

<p style="clear:right">
  Add a clearfix class with overflow: auto; to the containing element,
  to fix this problem:
</p>

<div class="clearfix">
  
  Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus
  imperdiet, nulla et dictum interdum...
</div>

</body>

</html>
```

overflow: auto clearfix      .(      ,      )  
가      ).      clearfix hack      ,      )  
-가      .

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Clearfix</title>
  <style>
    div {
      border: 3px solid green;
    }
  </style>
</head>
```

```
        padding: 5px;
    }

    .img1 {
        float: right;
    }

    .clearfix::after {
        content: "";
        clear: both;
        display: table;
    }

    .img2 {
        float: right;
    }
</style>
</head>

<body>

    <p>
        In this example, the image is taller than the element containing it,
        and it is floated, so it overflows outside of its container:
    </p>

    <div>
        <h2>Without Clearfix</h2>
        
        Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus
        imperdiet, nulla et dictum interdum...
    </div>

    <p style="clear:right">
        Add a clearfix class with overflow: auto; to the containing element,
        to fix this problem:
    </p>

    <div class="clearfix">
        
        Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus
        imperdiet, nulla et dictum interdum...
    </div>

</body>

</html>
```

„ CSS, float, clear

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