

CSS Layout - Horizontal & Vertical Align

- description : CSS Layout - Horizontal & Vertical Align
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Source of the article

- [CSS Layout - Horizontal & Vertical Align](#)

Center Align Elements

```
div                가                , margin: auto;                가
,                ,                ,                ,
```

```
.center {
  margin: auto;
  width: 60%;
  border: 3px solid #73ad21;
  padding: 10px;
}
```

Note: width 100% 가 .

Center Align Text

```
text-align: center; .
```

```
.center {
```

```
text-align: center;
border: 3px solid green;
}
```

Note: CSS Text

Center an Image

auto block

```
img {
display: block;
margin-left: auto;
margin-right: auto;
}
```

Left and Right Align - Using position

가 position: absolute;

```
.right {
position: absolute;
right: 10px;
width: 300px;
border: 3px solid #73ad21;
padding: 10px;
}
</cdoe>
(absolute positioned elements)
.\
\\
\\
====Left and Right Align - Using float====
'float' .\
====
<code css>
```

Note: 가 , float ,
"clearfix hack" .()

The clearfix Hack

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 #4caf50;
      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>
    
    가 floated ,
    (overflow)
  </div>
  <p style="clear:right">
    ovrflow: auto; 가
clearfix 가 .
  </p>
  <div class="clearfix">
    

```

```
div clearfix
div
overflow: auto;
</div>
</body>
</html>
```

Center Vertically - Using padding

CSS padding

```
.center {
border: 3px solid green;
padding: 70px 0;
}
```

padding text-align: center

```
.center {
padding: 70px 0;
border: 3px solid green;
text-align: center;
}
```

Center Vertically - Using line-height

height line-height :

```
.center {
line-height: 200px;
```

```
height: 200px;
border: 3px solid green;
text-align: center;
}

.center p { /* */
  line-height: 1.5;
  display: inline-block;
  vertical-align: middle;
  border: 3px dotted crimson;
}
```

Center Vertically - Using position & transform

padding line-height , positioning transform

```
.center {
  height: 200px;
  position: relative;
}

.center p {
  margin: 0;
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  -ms-transform: translate(-50%, -50%);
}
```

Center Vertically - Using Flexbox

IE10

```
.center {  
  border: 2px solid green;  
  justify-content: center;  
  align-items: center;  
  height: 200px;  
  display: flex;  
}
```

., CSS, Align,., layout,., Horizontal, Align,., Vertical, Align

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