```html
<!DOCTYPE html>
<html>
<head>
<style>
  html, body, .container {
    height: 100%;
    margin: 0;
    padding: 0;
  }
  .container {
    display: flex;
    justify-content: center; /* horizontal center */
    align-items: center; /* vertical center */
  }
  img {
    max-width: 100%;
    max-height: 100%;
  }
</style>
</head>
<body>

<div class="container">
  <img
src="https://images.unsplash.com/photo-1682688759350-050208b1211c?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDF8MHxlZGl0b3JpYWwtZmVlZHwxfHx8ZW58MHx8fHx8&auto=format&fit=crop&w=600&
q=60" alt="Sample Image" />
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  html, body {
    height: 100%;
    margin: 0;
    padding: 0;
  }
  body {
    display: flex;
    justify-content: center; /* horizontal center */
    align-items: center; /* vertical center */
  }
  img {
    max-width: 100%;
```

```
    max-height: 100%;
  }
</style>
</head>
<body>

<img
src="https://plus.unsplash.com/premium_photo-1690921287957-016981122c78?ixlib=rb-4.
0.3&ixid=M3wxMjA3fDB8MHxlZGl0b3JpYWwtZmVlZHwyfHx8ZW58MHx8fHx8&auto=format&fit=crop&
w=600&q=60" alt="Sample Image" />

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .container {
    position: relative;
    width: 300px;
    height: 200px;
    background-color: #f0f0f0;
  }
  .element {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    width: 100px;
    height: 100px;
    background-color: #3498db;
  }
</style>
</head>
<body>

<div class="container">
  <div class="element"></div>
</div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
  .container {
    position: relative;
    width: 300px;
    height: 200px;
    background-color: #f0f0f0;
  }
  .element {
    position: absolute;
    top: 50%;
    left: 50%;
    -webkit-transform: translate(-50%, -50%); /* Chrome, Safari, Opera, Android */
    -ms-transform: translate(-50%, -50%); /* IE 9 */
    transform: translate(-50%, -50%);
    width: 100px;
    height: 100px;
    background-color: #3498db;
  }
</style>
</head>
<body>

<div class="container">
  <div class="element"></div>
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .containerDiv {
    width: 100%;
    height: 100px;
    padding-bottom: 40px;
  }
  #centeredDiv {
    margin: 0 auto;
    width: 200px;
    height: 100px;
```

```
    border: 1px solid #000;
  }
  #centeredParagraph {
    width: 200px;
    margin: 0 auto;
  }
  #centeredImage {
    display: block;
    width: 200px;
    margin: 0 auto;
  }
</style>
</head>
<body>

<div class="containerDiv">
  <div id="centeredDiv"></div>
</div>
<div class="containerDiv">
  <p id="centeredParagraph">This is a centered paragraph.</p>
</div>
<div class="containerDiv">
  <img id="centeredImage"
src="https://i.kinja-img.com/gawker-media/image/upload/s--c7Q9b4Eh--/c_scale,fl_pro
gressive,q_80,w_800/qqyvc3bkpyl3mfhr8all.jpg" alt="Centered Image" />
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  p {
    text-align: center;
  }
</style>
</head>
<body>

<p>Lorem ipsum</p>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<style>
  .parent {
    position: relative;
    height: 500px;
    background-color: #f0f0f0;
  }
  .center {
    position: absolute;
    margin: auto;
    top: 0;
    right: 0;
    bottom: 0;
    left: 0;
  }
</style>
</head>
<body>

<div class="parent">
  <img class="center"
src="https://images.unsplash.com/photo-1469474968028-56623f02e42e?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxzZWFyY2h8Mnx8bmF0dXJlfGVufDB8fDB8fHww&auto=format&fit=crop&w=600&
q=60" alt="Centered Image" />
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .center {
    position: absolute;
    height: 50px;
    width: 50px;
    background: red;
    top: calc(50% - 50px / 2); /* height divided by 2 */
    left: calc(50% - 50px / 2); /* width divided by 2 */
  }
</style>
</head>
<body>
```

```html
<div class="center"></div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
  div.vertical {
    position: relative;
    top: 50%;
    transform: translateY(-50%);
    background-color: #baa1d0;
    text-align: center;
  }
</style>
</head>
<body>

<div class="vertical">Vertical aligned text!</div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
  .content * {
    box-sizing: border-box;
  }
  .content .position-container {
    display: table;
  }
  .content .details {
    display: table-cell;
    vertical-align: middle;
    width: 33.333333%;
    padding: 30px;
    font-size: 17px;
    text-align: center;
  }
  .content .thumb {
```

```
      width: 100%;
    }
    .content .thumb img {
      width: 100%;
    }
</style>
</head>
<body>

<div class="content">
  <div class="position-container">
    <div class="thumb">
      <img
src="https://images.unsplash.com/photo-1472214103451-9374bd1c798e?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxzZWFyY2h8NHx8bmF0dXJlfGVufDB8fDB8fHww&auto=format&fit=crop&w=600&
q=60">
    </div>
    <div class="details">
      <p class="banner-title">text 1</p>
      <p class="banner-text">content content content content content content
content content
      content content content content content content</p>
      <button class="btn">button</button>
    </div>
  </div>
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  /* This parent can be any width and height */
  .block {
    text-align: center;
    /* May want to do this if there is risk the container may be narrower than the
element inside */
    white-space: nowrap;
  }
  /* The ghost element */
  .block:before {
    content: '';
    display: inline-block;
    height: 100%;
    vertical-align: middle;
    /* There is a gap between ghost element and .centered,
```

```
      caused by space character rendered. Could be eliminated by
      nudging .centered (nudge distance depends on font family),
      or by zeroing font-size in .parent and resetting it back
      (probably to 1rem) in .centered. */
      margin-right: -0.25em;
  }
  /* The element to be centered, can also be of any width and height */
  .centered {
    display: inline-block;
    vertical-align: middle;
    width: 300px;
    white-space: normal; /* Resetting inherited nowrap behavior */
    background-color: lightgray;
    padding: 20px;
  }
</style>
</head>
<body>

<div class="block">
  <div class="centered">Centered Content</div>
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  body {
    margin: 0;
  }
  .outer-container {
    position: absolute;
    display: table;
    width: 100%; /* This could be ANY width */
    height: 100%; /* This could be ANY height */
    background: #ccc;
  }
  .inner-container {
    display: table-cell;
    vertical-align: middle;
    text-align: center;
  }
  .centered-content {
    display: inline-block;
```

```
      text-align: left;
      background: #fff;
      padding: 20px;
      border: 1px solid #000;
    }
  </style>
  </head>
  <body>

  <div class="outer-container">
    <div class="inner-container">
      <div class="centered-content">
        You can put anything here!
      </div>
    </div>
  </div>

  </body>
  </html>




<!DOCTYPE html>
<html>
<head>
<style>
  .wrap {
    height: 50px; /* max image height */
    width: 100px;
    border: 1px solid blue;
    text-align: center;
  }
  .wrap:before {
    content: "";
    display: inline-block;
    height: 100%;
    vertical-align: middle;
    width: 1px;
  }
  img {
    vertical-align: middle;
  }
</style>
</head>
<body>

<div class="wrap">
  <img
src="https://images.unsplash.com/photo-1470071459604-3b5ec3a7fe05?ixlib=rb-4.0.3&ix
```

```
id=M3wxMjA3fDB8MHxzZWFyY2h8NXx8bmF0dXJlfGVufDB8fDB8fHww&auto=format&fit=crop&w=600&
q=60" />
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .center {
    position: absolute;
    background: #ccc;
    left: 50%;
    width: 150px;
    margin-left: -75px; /* width * -0.5 */
    top: 50%;
    height: 200px;
    margin-top: -100px; /* height * -0.5 */
  }
</style>
</head>
<body>

<div class="center">
  Center vertically and horizontally
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .center {
    position: absolute;
    background: #ccc;
    left: 50%;
    width: 150px;
    margin-left: -75px; /* width * -0.5 */
  }
</style>
</head>
```

```
<body>

<div class="center">
  Center only horizontally
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .center {
    position: absolute;
    background: #ccc;
    top: 50%;
    height: 200px;
    margin-top: -100px; /* height * -0.5 */
  }
</style>
</head>
<body>

<div class="center">
  Center only vertically
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .wrapper {
    display: table;
    width: 200px;
    height: 200px;
    background-color: #9e9e9e;
  }

  .parent {
    display: table-cell;
    vertical-align: middle;
    text-align: center;
```

```
      }

    .child {
      display: inline-block;
      vertical-align: middle;
      text-align: center;
      width: 100px;
      height: 100px;
      background-color: teal;
    }
  </style>
  </head>
  <body>

  <div class="wrapper">
    <div class="parent">
      <div class="child"></div>
    </div>
  </div>

  </body>
  </html>
```