```
<!DOCTYPE html>
<html>
<head>
<style>
  div {
    background-color: red; /* red */
  }
</style>
</head>
<body>

<div>This will have a red background</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  body {
    background-color: #de1205; /* red */
  }

  .main {
    background-color: #00f; /* blue */
  }
</style>
</head>
<body>

<div class="main">
  This div has a blue background color.
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  header {
    background-color: rgb(0, 0, 0); /* black */
  }
```

```
  footer {
    background-color: rgba(0, 0, 0, 0.5); /* black with 50% opacity */
  }
</style>
</head>
<body>

<header>
  This is the header with a black background.
</header>

<footer>
  This is the footer with a black background and 50% opacity.
</footer>

</body>
</html>



<!DOCTYPE html>
<html>
<head>
<style>
  li a {
    background-color: hsl(120, 100%, 50%); /* green */
  }

  #p1 {
    background-color: hsla(120, 100%, 50%, 0.3); /* green with 30% opacity */
  }
</style>
</head>
<body>

<ul>
  <li><a href="#">Link with green background</a></li>
</ul>

<p id="p1">
  This paragraph has a green background with 30% opacity.
</p>

</body>
</html>



<!DOCTYPE html>
<html>
```

```html
<head>
<style>
  /* Approach 1 */
  body.option1 {
    background: red;
    background-image: url(partiallytransparentimage.png);
  }

  /* Approach 2 */
  body.option2 {
    background-color: red;
    background-image: url(partiallytransparentimage.png);
  }

  /* Approach 3 */
  body.option3 {
    background-image: url(partiallytransparentimage.png);
    background-color: red;
  }

  /* Approach 4 */
  body.option4 {
    background: red url(partiallytransparentimage.png);
  }
</style>
</head>
<body class="option1 option2 option3 option4">

<h2>Approach 1</h2>
<p>This body uses the first approach.</p>

<h2>Approach 2</h2>
<p>This body uses the second approach.</p>

<h2>Approach 3</h2>
<p>This body uses the third approach.</p>

<h2>Approach 4</h2>
<p>This body uses the fourth approach.</p>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  body {
```

```
    background-image: url(partiallytransparentimage.png);
    background: red;
  }
</style>
</head>
<body>

<h2>This body uses the background styling.</h2>
<p>The background image is overlaid with a red background color.</p>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .linear-gradient {
    background: linear-gradient(to left, red, blue); /* you can also use 270deg */
    height: 200px;
  }
</style>
</head>
<body>

<div class="linear-gradient">
  This div has a linear gradient background from red to blue.
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .diagonal-linear-gradient {
    background: linear-gradient(to left top, red, yellow 10%);
    height: 200px;
  }
</style>
</head>
<body>

<div class="diagonal-linear-gradient">
```

```
    This div has a diagonal linear gradient background from red to yellow.
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .linear-gradient-rainbow {
    background: linear-gradient(to left, red, orange, yellow, green, blue, indigo,
violet);
    height: 200px;
  }
</style>
</head>
<body>

<div class="linear-gradient-rainbow">
  This div has a linear gradient rainbow background.
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .radial-gradient-simple {
    background: radial-gradient(red, blue);
    height: 200px;
  }

  .radial-gradient {
    background: radial-gradient(circle farthest-corner at top left, red, blue);
    height: 200px;
  }
</style>
</head>
<body>

<div class="radial-gradient-simple">
```

This div has a simple radial gradient background from red to blue.
</div>

<div class="radial-gradient">
  This div has a radial gradient background with custom positioning and shape.
</div>

</body>
</html>

```html
<!DOCTYPE html>
<html>
<head>
<style>
  .bullseye {
    background: repeating-radial-gradient(red, red 10%, white 10%, white 20%);
    height: 200px;
  }

  .warning {
    background: repeating-linear-gradient(-45deg, yellow, yellow 10%, black 10%,
black 20%);
    height: 200px;
  }
</style>
</head>
<body>

<div class="bullseye">
  This div has a repeating radial gradient background resembling a bullseye.
</div>

<div class="warning">
  This div has a repeating linear gradient background resembling a warning pattern.
</div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
```

```css
  .myClass {
    background-image:
url('https://images.unsplash.com/photo-1692611901268-8e24ed37ee15?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxlZGl0b3JpYWwtZmVlZHw1fHx8ZW58MHx8fHx8&auto=format&fit=crop&w=600&
q=60');
    background-size: cover; /* Adjust as needed */
    height: 300px; /* Adjust as needed */
    width: 300px; /* Adjust as needed */
  }
</style>
</head>
<body>

<div class="myClass">
  This div has background images set using the CSS background-image property.
</div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
  .bg-size-example {
    width: 200px;
    height: 200px;
    background-image:
url('https://images.unsplash.com/photo-1682685797208-c741d58c2eff?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDF8MHxlZGl0b3JpYWwtZmVlZHwxfHx8ZW58MHx8fHx8&auto=format&fit=crop&w=600&
q=60');
    background-repeat: no-repeat;
    margin: 20px;
    border: 1px solid #ccc;
  }

  .bg-size-1 {
    background-size: 50px;
  }

  .bg-size-2 {
    background-size: 50px auto;
  }

  .bg-size-3 {
    background-size: auto 50px;
  }
```

```
    .bg-size-4 {
      background-size: 50px 50px;
    }
</style>
</head>
<body>

<div class="bg-size-example bg-size-1">50px</div>
<div class="bg-size-example bg-size-2">50px auto</div>
<div class="bg-size-example bg-size-3">auto 50px</div>
<div class="bg-size-example bg-size-4">50px 50px</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  #withbackground {
    background-image:
url('https://images.unsplash.com/photo-1693032521206-7920d3607b81?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxlZGl0b3JpYWwtZmVlZHw5fHx8ZW58MHx8fHw8auto=format&fit=crop&w=600&
q=60');
    background-size: 100% 66%;
    width: 200px;
    height: 200px;
    padding: 0;
    margin: 0;
  }
</style>
</head>
<body>

<div id="withbackground">
  This div has a background image with a size of 100% width and 66% height.
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
```

```
<style>
  div > div {
    background-image: url(http://i.stack.imgur.com/r5CAq.jpg);
    background-repeat: no-repeat;
    background-position: center center;
    background-color: #ccc;
    border: 1px solid;
    width: 20em;
    height: 10em;
    margin: 0 1ex 1ex 0;
    float: left;
  }

  div.contain {
    background-size: contain;
  }

  div.cover {
    background-size: cover;
  }

  div + div {
    clear: both;
    border-top: 1px dashed silver;
    padding-top: 1ex;
  }

  div > div::after {
    background-color: #000;
    color: #fefefe;
    margin: 1ex;
    padding: 1ex;
    opacity: 0.8;
    display: block;
    width: 10ex;
    font-size: 0.7em;
    content: attr(class);
  }
</style>
</head>
<body>

<div>
  <div class="contain"></div>
  <p>Note the grey background. The image does not cover the whole region, but it's
fully
  <em>contained</em>.</p>
</div>

<div>
```

```
  <div class="cover"></div>
  <p>Note the ducks/geese at the bottom of the image. Most of the water is cut, as well as a part
  of the sky. You don't see the complete image anymore, but neither do you see any background color;
  the image <em>covers</em> all of the <code>&lt;div&gt;</code>.</p>
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .myClass {
    background-image:
url('https://images.unsplash.com/photo-1692980136992-b45785a6116f?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxlZGl0b3JpYWwtZmVlZHwxM3x8fGVufDB8fHx8fA%3D%3D&auto=format&fit=cro
p&w=600&q=60');
    background-position: 50% 50%;
    width: 300px;
    height: 200px;
    border: 1px solid #ccc;
    text-align: center;
    line-height: 200px;
  }
</style>
</head>
<body>

<div class="myClass">
  This div has a background image centered both horizontally and vertically.
</div>

</body>
</html>
<!DOCTYPE html>
<html>
<head>
<style>
  .myClass {
    background-image:
url('https://images.unsplash.com/photo-1692980136992-b45785a6116f?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxlZGl0b3JpYWwtZmVlZHwxM3x8fGVufDB8fHx8fA%3D%3D&auto=format&fit=cro
p&w=600&q=60');
    background-position: 50% 50%;
```

```
    width: 300px;
    height: 200px;
    border: 1px solid #ccc;
    text-align: center;
    line-height: 200px;
  }
</style>
</head>
<body>

<div class="myClass">
  This div has a background image centered both horizontally and vertically.
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .example {
    width: 300px;
    border: 20px solid black;
    padding: 50px;
    background:
url(https://static.pexels.com/photos/6440/magazines-desk-work-workspace-medium.jpg)
;
    background-repeat: no-repeat;
  }

  .example1 {}

  .example2 {
    background-origin: border-box;
  }

  .example3 {
    background-origin: content-box;
  }
</style>
</head>
<body>

<p>No background-origin (padding-box is default):</p>
<div class="example example1">
  <h2>Lorem Ipsum Dolor</h2>
```

```html
  <p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy
nibh euismod
    tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>
  <p>Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit
lobortis nisl ut
    aliquip ex ea commodo consequat.</p>
</div>

<p>background-origin: border-box:</p>
<div class="example example2">
  <h2>Lorem Ipsum Dolor</h2>
  <p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy
nibh euismod
    tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>
  <p>Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit
lobortis nisl ut
    aliquip ex ea commodo consequat.</p>
</div>

<p>background-origin: content-box:</p>
<div class="example example3">
  <h2>Lorem Ipsum Dolor</h2>
  <p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy
nibh euismod
    tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>
  <p>Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit
lobortis nisl ut
    aliquip ex ea commodo consequat.</p>
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  #mydiv {
    background: url('image.png') right bottom no-repeat,
                linear-gradient(to bottom, #fff 0%, #000 100%);
    width: 300px;
    height: 200px;
    border: 1px solid #ccc;
  }
</style>
</head>
<body>
```

```
<div id="mydiv">
   This div has a background image and a linear gradient set using the CSS
background property.
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
   body {
     background-image:
url('https://images.unsplash.com/photo-1692716677628-f1d0c35cf174?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxlZGl0b3JpYWwtZmVlZHwzNHx8fGVufDB8fHx8fA%3D%3D&auto=format&fit=cro
p&w=600&q=60');
     background-attachment: scroll;
     margin: 0;
     padding: 0;
   }
</style>
</head>
<body>

<p>This is the content of the body.</p>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
   body {
     background-image:
url('https://images.unsplash.com/photo-1693040517341-6e1565f8ef42?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxlZGl0b3JpYWwtZmVlZHwzOHx8fGVufDB8fHx8fA%3D%3D&auto=format&fit=cro
p&w=600&q=60');
     background-attachment: fixed;
     margin: 0;
     padding: 0;
```

```
    }
</style>
</head>
<body>

<p>This is the content of the body.</p>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  div {
    background-image:
url('https://images.unsplash.com/photo-1692680887047-357bbef7b16f?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D&auto=format&fit=crop&w=388&
q=80');
    background-attachment: local;
    width: 300px;
    height: 200px;
    border: 1px solid #ccc;
    padding: 10px;
    box-sizing: border-box;
  }
</style>
</head>
<body>

<div>
  This div has a background image with local attachment.
</div>

</body>
</html>




<!DOCTYPE html>
<html>
<head>
<style>
  .example {
    width: 300px;
```

```
      border: 20px solid black;
      padding: 50px;
      background:
url(https://static.pexels.com/photos/6440/magazines-desk-work-workspace-medium.jpg)
;
      background-repeat: no-repeat;
  }

  .example2 {
      background-origin: border-box;
  }

  .example3 {
      background-origin: content-box;
  }
</style>
</head>
<body>

<p>No background-origin (padding-box is default):</p>
<div class="example example1">
  <h2>Lorem Ipsum Dolor</h2>
  <p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy
nibh euismod
    tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>
  <p>Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit
lobortis nisl ut
    aliquip ex ea commodo consequat.</p>
</div>

<p>background-origin: border-box:</p>
<div class="example example2">
  <h2>Lorem Ipsum Dolor</h2>
  <p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy
nibh euismod
    tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>
  <p>Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit
lobortis nisl ut
    aliquip ex ea commodo consequat.</p>
</div>

<p>background-origin: content-box:</p>
<div class="example example3">
  <h2>Lorem Ipsum Dolor</h2>
  <p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy
nibh euismod
    tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>
  <p>Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper sus
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
  div {
    background-image:
url("https://images.unsplash.com/photo-1449824913935-59a10b8d2000?ixlib=rb-4.0.3&ix
id=M3wxMjA3fDB8MHxjb2xsZWN0aW9uLXRodW1ibmFpbHx8MzMzfHxlbnwwfHx8fHw%3D&dpr=1&auto=fo
rmat&fit=crop&w=294&h=294&q=60");
    background-repeat: repeat-y;
    background-position: right top;
    height: 1000px;
    width: 100%;

  }
</style>
</head>
<body>

<div>
  This div has a vertically repeating background image.
</div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
  .my-div {
    width: 300px;
    height: 200px;
    background-size: 100%;
    background-repeat: no-repeat;
    background-image: linear-gradient(to right, black 0%, white 100%),

url('https://static.pexels.com/photos/54624/strawberry-fruit-red-sweet-54624-medium
.jpeg');
    background-blend-mode: saturation;
  }
</style>
</head>
<body>
```

```html
<div class="my-div">Lorem ipsum</div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
  .background-with-opacity {
    /* Fallback for web browsers that don't support RGBa */
    background-color: rgb(0, 0, 0);
    /* RGBa with 0.6 opacity */
    background-color: rgba(0, 0, 0, 0.6);
    /* For IE 5.5 - 7 */
    filter: progid:DXImageTransform.Microsoft.gradient(startColorstr=#99000000,
endColorstr=#99000000);
    /* For IE 8 */
    -ms-filter:
"progid:DXImageTransform.Microsoft.gradient(startColorstr=#99000000,
endColorstr=#99000000)";

    width: 300px;
    height: 200px;
    color: white;
    text-align: center;
    padding-top: 100px;
  }
</style>
</head>
<body>

<div class="background-with-opacity">
  This div has a background color with transparency.
</div>

</body>
</html>
```