

41

③ Backgrounds

properties

- Background-color ✓
- Background-image ✓
- Background-repeat ✓
- Background-attachment ✓
- Background-position ✓
- Shorthand - Background ✓

1) Background-color → Specifies the background color of an element.
→ Can use valid color name

Eg.

```

<!DOCTYPE html>
<html>
<head>
<style>
  .bg1 {
    background-color: #aquamarine;
  }
  .bg2 {
    background-color: #plum;
  }
</style>
</head>
<body>
  <p class="bg1">Hello Everyone </p>
  <p class="bg2">Hello Everyone </p>
</body>
</html>
  
```

Automatic

2) Bg color with opacity → Opacity → Specifies transparency of element

Take value from 0.0 to 1.0
Lower value, More Transparent.

Eg.

```

<!DOCTYPE html>
<html>
<head>
<style>
  .bg1 {
    background-color: #red;
  }
  .bg2 {
    background-color: #red;
    opacity: 0.5;
  }
</style>
</head>
<body>
  <p class="bg1">Hello Everyone </p>
  <p class="bg2">Hi </p>
</body>
</html>
  
```

While using opacity to add transparency to all of its child elements inherit same transparency

Can make text inside a fully transparent element hard to read.

Q2) Background-Image

- specifies image to use as background of an element.
- By default → image repeated → so it covers entire element
- When using an background image use an image that does not disturb text.

Eg1)

```
<!DOCTYPE html>
<html>
<head>
<style>
  background-image: url("Images-For-css/Images001.png");
</style>
</head>
<body>
  <p>Potting Phene</p>
</body>
</html>
```

Annotations:

- Circle around `<body>` with arrow pointing to `background-image: url("Images-For-css/Images001.png");`
- Circle around `<p>Potting Phene</p>`
- Text: "Double quotes are not mandatory" with arrow pointing to the quotes in the URL.

Eg2)

```
<!DOCTYPE html>
<html>
<head>
<style>
  background-image: url("Images-For-css/Images002.jpg");
</style>
<body>
  <p>Mozalla</p>
</body>
</html>
```

Annotation:

- Box around the `url("Images-For-css/Images002.jpg")` with a diagonal line through it.

Eg3) Same Background

Effective

```
<!DOCTYPE html>
<html>
<head>
<style>
  background-image: url("Images-For-css/Images002.jpg");
  background-size: 100% 100%;
  background-repeat: repeat;
</style>
<body>
```


(92)

pg

```
background-image: url (IMAGES - FOR - css / Image002.jpeg);
```

}

</style>

</head>

<body>

<p> Mozilla </p>

</body>

</html>

Eg 3

~~No change if we~~

Eg 4) Same Element

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
body {
```

```
background-image: url (IMAGES - FOR - css / Image002.jpeg);
```

```
}
```

```
body {
```

```
background-image: url (IMAGES - FOR - css / Image002.jpeg);
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<p> Mozilla is a king on a to </p>
```

```
</body>
```

```
</html>
```

Eg 5

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
/* Try to comment any of the selector (body) */
```

```
/* And uncomment that selector and comment another selector */
```

```
/* See the change in background image */
```

```
body {
```

```
background-image: url (IMAGES - FOR - css / Image002.jpeg);
```

```
}
```

```
body {
```

```
background-image: url (IMAGES - FOR - css / Image001.png);
```

```
}
```

```
body {
```

```
background-image: url (IMAGES - FOR - css / Image003.webp);
```

```
}
```

```
</style>
```

update

CP9

```
</head>
<body>
  <p> Mozilla is a king on a to </p>
</body>
</html>
```

3) Background-repeat ↑ Sets how background image will be repeated.

By default → background-image → Repeats image both horizontally and vertically.

Use { No-repeat → Showing the background image only once
Repeat-x → To repeat image horizontally
Repeat-y → To repeat image vertically

Eg 1) Repeat-x

```
<!DOCTYPE html>
<html>
<head>
  <style>
    body {
      background-image: url('Images-for-css/Image002.jpeg');
      background-repeat: repeat-x;
    }
  </style>
</head>
<body>
  <p> Mozilla </p>
</body>
</html>
```

Eg 2) Repeat-y

```
<!DOCTYPE html>
<html>
<head>
  <style>
    body {
      background-image: url('Images-for-css/Image002.jpeg');
      background-repeat: repeat-y;
    }
  </style>
</head>
<body>
  <p> Mozilla </p>
</body>
</html>
```


(95)

Eg 3

(!DOCTYPE html)

<html>

<head>

<style>

body {

background-image: url (Images-for-css/Image002.jpg);

background-repeat: no-repeat;

}

</style>

</head>

<body>

<p>Mozilla </p>

</body>

</html>

No-Repeat4) Background-Position default: top left corner

* used to specify the position of background-image.

a) Values

keyword

x%y% - default - x%y%.

xpos ypos

intra

inherit

Set property to its default value

Inherits property from its parent element.

Eg:

(!DOCTYPE html)

<html>

<head>

<style>

body {

background-image: url (Images-for-css/Image002.jpg);

background-repeat: no-repeat

/* background-position: right top;

background-position: left top;

background-position: center; */

Applied

background-position: center;

}

</style>

</head>

<body>

<p>Mozilla </p>

</body>

</html>

fine Ed

Try to scroll down the page <<P>

21 Times

Lybnd

background
repeat

background
attachment

background
position

(97)

Eg v

<!DOCTYPE html>

<html>

<head>

<style>

body {

background: url (images - for - css / image002.jpeg) repeating fixed center;

}

background: black repeating fixed center;

color: white;

}

</style>

</head>

<body>

<p> Bella is a Bella. </p>

</body>

</html>