Background in CSS

Spoken Tutorial Project
https://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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Learning Objectives

In this tutorial, we will learn:

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In this tutorial, we will learn:

▶ Background **properties of an** element **in** CSS

System Requirements

This tutorial is recorded using

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This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04

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- Ubuntu Linux OS v 18.04
- CSS3

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- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5

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- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5
- ▶ gedit **Text Editor**

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- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5
- ▶ gedit **Text Editor**
- ▶ Firefox **Web Browser**

Prerequisite

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► **You should have basic knowledge of** `HTML` **and** `CSS`

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▶ **You should have basic knowledge of** HTML **and** CSS

▶ **If not, please go through the** HTML **and** CSS **tutorials on https://spoken-tutorial.org**

Code Files

- **The files used in this tutorial are available in the** `Code Files` **link on this tutorial page**

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▶ **Please download and extract them**

Code Files

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- **Please download and extract them**
- **Make a copy and then use them while practising**

Background

Background

- `background-color`

Background

- `background-color`
- `background-image`

Background

- background-color
- background-image
- background-repeat

Background

- `background-color`
- `background-image`
- `background-repeat`
- `background-attachment`

Background

- `background-color`
- `background-image`
- `background-repeat`
- `background-attachment`
- `background-position`

Background Color

The `background-color` **can be set using these formats:**

Background Color

The `background-color` **can be set using these formats:**

- ▶ **Color names**

Background Color

The `background-color` **can be set using these formats:**

- ▶ **Color names**
- ▶ **Hexadecimal values**

Background Color

The `background-color` **can be set using these formats:**

- ▶ **Color names**
- ▶ **Hexadecimal values**
- ▶ **RGB (Red Green Blue) values**

Background Repeat

`background-repeat` **allows to repeat the** `image` **in the** `background` **of an** `element`

Background Repeat Values

Background Repeat Values

► `repeat-x`: **repeats** `image` **horizontally**

Background Repeat Values

▶ `repeat-x`: **repeats** `image` **horizontally**

▶ `repeat-y`: **repeats** `image` **vertically**

Background Repeat Values

- ▶ `repeat-x`: **repeats** `image` **horizontally**

- ▶ `repeat-y`: **repeats** `image` **vertically**

- ▶ `no-repeat`: **does not repeat, shows** `image` **one time**

Background Repeat Values

- `repeat-x`: **repeats** `image` **horizontally**

- `repeat-y`: **repeats** `image` **vertically**

- `no-repeat`: **does not repeat, shows** `image` **one time**

- `repeat`: **default value, which repeats** `image` **in both directions**

Background Attachment

`background-attachment` **decides whether to scroll the** `image` **or not, along with the** `webpage`

Background Attachment Value

- scroll: **allows the** background image **to scroll along with the page**

Background Attachment Value

- `scroll`: **allows the** `background image` **to scroll along with the page**
- `fixed`: **the** `background image` **remains fixed, it is not allowed to scroll**

Background Position

`background-position` **is used to specify the position of the** `background image` **of an** `element`

Background Position

The position value for the `background` `image` **can be set as:**

Background Position

The position value for the `background image` **can be set as:**

▶ **Percentage** (%)

Background Position

The position value for the `background image` **can be set as:**

▶ **Percentage** (%)

▶ **Length Values** (**eg.** `mm`, `cm`, `px`)

Background Position

The position value for the `background` `image` **can be set as:**

- ▶ **Percentage** (%)
- ▶ **Length Values** (**eg.** `mm`, `cm`, `px`)
- ▶ **keywords** (`top`, `right`, `center`, `left`, `bottom`)

Using `shorthand`**, we can write this same code in a single line**

Shorthand

The order in which `background` `property` **values should be written is:**

Shorthand

The order in which `background` `property` **values should be written is:**

▶ `background:` `color` `image` `repeat` `attachment` `position;`

Summary

In this tutorial, we have learnt:

▶ Background **properties of an** element **in** CSS

Assignment

▶ **Open the file** `styles.css` **which you have created earlier**

Assignment

Set the following styles for the `body`
`tag`

- ▶ `image` **as a** `background`
- ▶ `no-repeat` **for** `background-repeat`
- ▶ `background-position` **to** `top right`

Assignment

▶ **Link the** `styles.css` **file to** `webpage.html` **file**

▶ **Observe the output**

About Spoken Tutorial project

- ▶ Watch the video available at
  **https://spoken-tutorial.org
  /What_is_a_Spoken_Tutorial**
- ▶ It summarises the Spoken Tutorial
  project
- ▶ If you do not have good
  bandwidth, you can download
  and watch it

Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ **Conducts workshops using spoken tutorials**

- ▶ **Gives certificates to those who pass an online test**

- ▶ **For more details, please write to contact@spoken-tutorial.org**

Answers for THIS Spoken Tutorial

- ▶ **Questions in THIS Spoken Tutorial?**

- ▶ **Visit**
  https://forums.spoken-tutorial.org

- ▶ **Choose the minute and second where you have the question**

- ▶ **Explain your question briefly**

- ▶ **The Spoken Tutorial project will ensure an answer**

You will have to register to ask questions

Acknowledgements

▶ **Spoken Tutorial project is funded by Ministry of Education (MoE), Govt. of India**

Thank You

Thanks for joining

https://spoken-tutorial.org