Text Properties in CSS

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

Neha Solanki
Madhuri Ganapathi
IIT Bombay

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Learning Objectives

In this tutorial, we will learn:

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In this tutorial, we will learn:

▶ Text **properties of an** `element` **in**
`CSS`

System Requirements

This tutorial is recorded using

System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04

System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3

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This tutorial is recorded using

- Ubuntu Linux OS v 18.04
- CSS3
- HTML5

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This tutorial is recorded using

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

System Requirements

This tutorial is recorded using

▶ 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`

Prerequisite

- **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**

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▶ **Please download and extract them**

▶ **Make a copy and then use them while practising**

Text Elements

The properties which we use to format and style the `text elements` **in** `CSS`**:**

- ▶ **Color**
- ▶ **Alignment**
- ▶ **Indentation**
- ▶ **Spacing**
- ▶ **Line Height**

- ▶ **Direction**
- ▶ **Transformation**
- ▶ **Decoration**
- ▶ **Shadow**

Color

The color of the `text` **is set by the** CSS `color` **property using these values:**

Color

The color of the `text` **is set by the** CSS `color` **property using these values:**

- ► **Color names**

Color

The color of the `text` **is set by the** CSS `color` **property using these values:**

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

Color

The color of the `text` **is set by the** CSS `color` **property using these values:**

▶ **Color names**

▶ **Hexadecimal values**

▶ **RGB (Red Green Blue) values**

Alignment

- `text-align` **property is used to set the horizontal alignment of the** `text`

Alignment

Alignment

▶ Left

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Alignment

▶ Right

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Alignment

▶ Center

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Alignment

▶ `Justify`

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Indentation

- ▶ `text-indent` **property is used to insert an empty space before the first line of** `text`

Indentation

- ▶ `text-indent` **property is used to insert an empty space before the first line of** `text`

- ▶ **The size of empty space is set using** `length values` **like** `cm, px,%` **etc.**

Spacing

- Spacing **property is used to change the space between** words **and** letters **of a** text

Spacing

▶ Spacing **property is used to change the space between** words **and** letters **of a** text

▶ **Positive values are used to increase the space**

Spacing

- Spacing **property is used to change the space between** words **and** letters **of a** text
- **Positive values are used to increase the space**
- **Negative values are used to decrease the space**

It has two types of properties:

Spacing

It has two types of properties:

- ▶ `letter-spacing` **is used to increase or decrease the space in between letters**

Spacing

It has two types of properties:

- ▶ `letter-spacing` **is used to increase or decrease the space in between letters**

- ▶ `word-spacing` **is used to increase or decrease the space between the words**

Line Height

- `line-height` **is used to set the space between the lines of the** `text`

Direction

- **Direction of a** `text` **is set by** CSS `direction` **property**

Direction

▶ **Direction of a** `text` **is set by** CSS
   `direction` **property**
▶ **It has two values:**

Direction

▶ **Direction of a** `text` **is set by** CSS
  `direction` **property**

▶ **It has two values:**

  ▶ `ltr` **(default): sets the direction**
    from left to right

Direction

- **Direction of a** `text` **is set by** CSS `direction` **property**
- **It has two values:**
  - `ltr` **(default): sets the direction from left to right**
  - `rtl`**: sets the direction from right to left**

Transformation

- ▶ `text-transform` **property manages the capitalization of** `text`

Transformation

Transformation

- uppercase: **Converts all the letters to uppercase**

THIS IS A TEXT

Transformation

▶ `lowercase`: **Converts all the letters to lowercase**

this is a text

Transformation

▶ `capitalize`: **Converts the first letter of each word to uppercase**

This Is A Text

Decoration

- `text-decoration` **property is used to apply or remove the decoration of the** `text`

Decoration

Decoration

▶ Overline

Decoration

▶ Underline

This is a text

Decoration

▶ Line-through

This is a text

Decoration

▶ none

This is a text

Shadow

▶ `text-shadow` **property is used to apply** `shadow effects` **to the** `text`

Shadow

- ▶ `text-shadow` **property is used to apply** `shadow` **effects** **to the** `text`
- ▶ **Syntax:**
  `text-shadow: h-shadow v-shadow blur-radius color;`

Shadow

▶ `h-shadow`: **Sets the position of horizontal shadow**

Shadow

- `h-shadow`: **Sets the position of horizontal shadow**

- `v-shadow`: **Sets the position of vertical shadow**

Shadow

- ▶ `h-shadow`: **Sets the position of horizontal shadow**
- ▶ `v-shadow`: **Sets the position of vertical shadow**
- ▶ `h-shadow` **and** `v-shadow` **are mandatory values**

Shadow

- **blur-radius**: Sets the radius of blur

Shadow

- `blur-radius`: **Sets the radius of blur**
- `color`: **Sets the color of the shadow**

Shadow

- ▶ `blur-radius`: **Sets the radius of blur**
- ▶ `color`: **Sets the color of the shadow**
- ▶ `blur-radius` **and** `color` **are optional values**

Summary

In this tutorial, we have learnt:

- Text **properties of an** element **in** CSS

Assignment

- **Open the file** `styles.css` **which you have created earlier**
- **Set** `yellow` **color to** `heading` **and** `center` **align it**

Assignment

For the `Paragraph` **content, set the**

- `text-indentation` **to** 1cm
- `word spacing` **to** 3px
- `line-height` **to** 1.2
- **Direction as** `left to right`

Assignment

▶ Underline **and** uppercase **the** heading

▶ **Set** text-shadow **with** black **color in the** heading

▶ **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

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- ▶ **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

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Thanks for joining

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