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CSS Text Effects

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CSS Text Overflow, Word Wrap, Line Breaking Rules, and Writing Modes

In this chapter you will learn about the following properties:

- `text-overflow`
- `word-wrap`
- `word-break`
- `writing-mode`

CSS Text Overflow

The CSS `text-overflow` property specifies how overflowed content that is not displayed should be signaled to the user.

It can be clipped:

This is some long text that

or it can be rendered as an ellipsis (...):

This is some long text t...

Example

```
p.test1 {  
  white-space: nowrap;  
  width: 200px;  
  border: 1px solid #000000;  
  overflow: hidden;  
  text-overflow: clip;  
}  
  
p.test2 {  
  white-space: nowrap;  
  width: 200px;  
  border: 1px solid #000000;  
  overflow: hidden;  
  text-overflow: ellipsis;  
}
```

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The following example shows how you can display the overflowed content when hovering over the element:

Example

```
div.test:hover {  
  overflow: visible;  
}
```

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CSS Word Wrapping

The CSS `word-wrap` property allows long words to be able to be broken and wrap onto the next line.

If a word is too long to fit within an area, it expands outside:

This paragraph contains a very long word:
thisisaveryveryveryveryveryverylongword.
The long word will break and wrap to the next line.

The word-wrap property allows you to force the text to wrap - even if it means splitting it in the middle of a word:

This paragraph contains a very long word:
thisisaveryveryveryveryveryverylongword
. The long word will break and wrap to the next line.

The CSS code is as follows:

Allow long words to be able to be broken and wrap onto the next line:

```
p {  
  word-wrap: break-word;  
}
```

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CSS Word Breaking

The CSS `word-break` property specifies line breaking rules.

This paragraph contains some text. This line will-break-at-hyphens.

This paragraph contains some text. The lines will break at any character.

The CSS code is as follows:

Example

```
p.test1 {  
  word-break: keep-all;  
}  
  
p.test2 {  
  word-break: break-all;  
}
```

CSS Writing Mode

The CSS `writing-mode` property specifies whether lines of text are laid out horizontally or vertically.

Some text with a span element with a vertical-rl writing-mode.

The following example shows some different writing modes:

Example

```
p.test1 {  
  writing-mode: horizontal-tb;  
}  
  
span.test2 {  
  writing-mode: vertical-rl;  
}  
  
p.test2 {  
  writing-mode: vertical-rl;  
}
```

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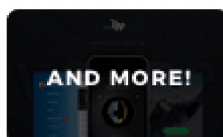
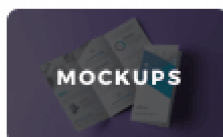
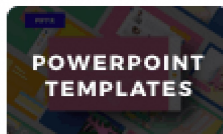
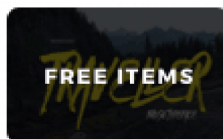
CSS Text Effect Properties

The following table lists the CSS text effect properties:

Property	Description
<u>text-align-last</u>	Specifies how to align the last line of a text
<u>text-justify</u>	Specifies how justified text should be aligned and spaced
<u>text-overflow</u>	Specifies how overflowed content that is not displayed should be signaled to the user
<u>word-break</u>	Specifies line breaking rules for non-CJK scripts
<u>word-wrap</u>	Allows long words to be able to be broken and wrap onto the next line
<u>writing-mode</u>	Specifies whether lines of text are laid out horizontally or vertically

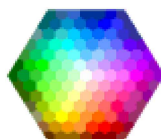
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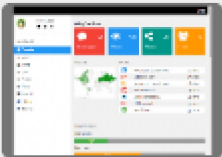
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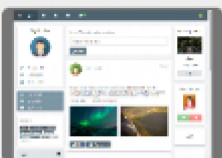
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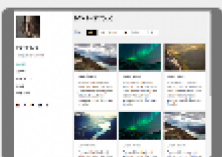
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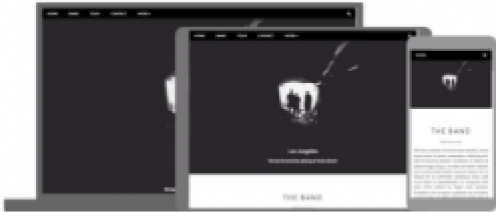
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