CSS3

TEXT-SHADOW

The CSS3 **text-shadow property** allows you to apply one or more shadows to any block of text.

text-shadow syntax

The **text-shadow** property takes three <length> values and one color value.

```
/* text-shadow example */
p { text-shadow: 10px 10px 5px #000; }
```

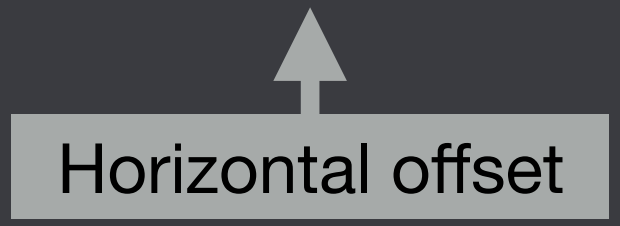
The <length> values can include **relative** and **absolute** values.

```
/* different length values */
p { text-shadow: 1em 1em 1em #000; }
p { text-shadow: 2ex 2ex 2ex #000; }
p { text-shadow: 3px 3px 3px #000; }
p { text-shadow: 4in 4in 4in #000; }
p { text-shadow: 5cm 5cm 5cm #000; }
p { text-shadow: 6mm 6mm 6mm #000; }
p { text-shadow: 7pt 7pt 7pt #000; }
p { text-shadow: 8pc 8pc 8pc #000; }
```

Horizontal offset

The **horizontal offset** of the shadow is defined first.

```
/* horizontal offset */
p { text-shadow: 10px 10px 5px #000; }
```



A **positive value** will place the shadow on the right of the text.

Text
Text
Positive horizontal text-shadow

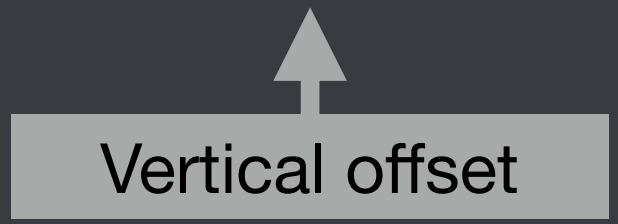
A **negative value** will place the shadow on the left of the text.

Text
Text
Negative horizontal text-shadow

Vertical offset

The **vertical offset** of the shadow is defined second.

```
/* vertical offset */
p { text-shadow: 10px 10px 5px #000; }
```



A **positive value** will place the shadow below of the text.

Text
Text
Positive vertical text-shadow

A **negative value** will place the shadow above the text.

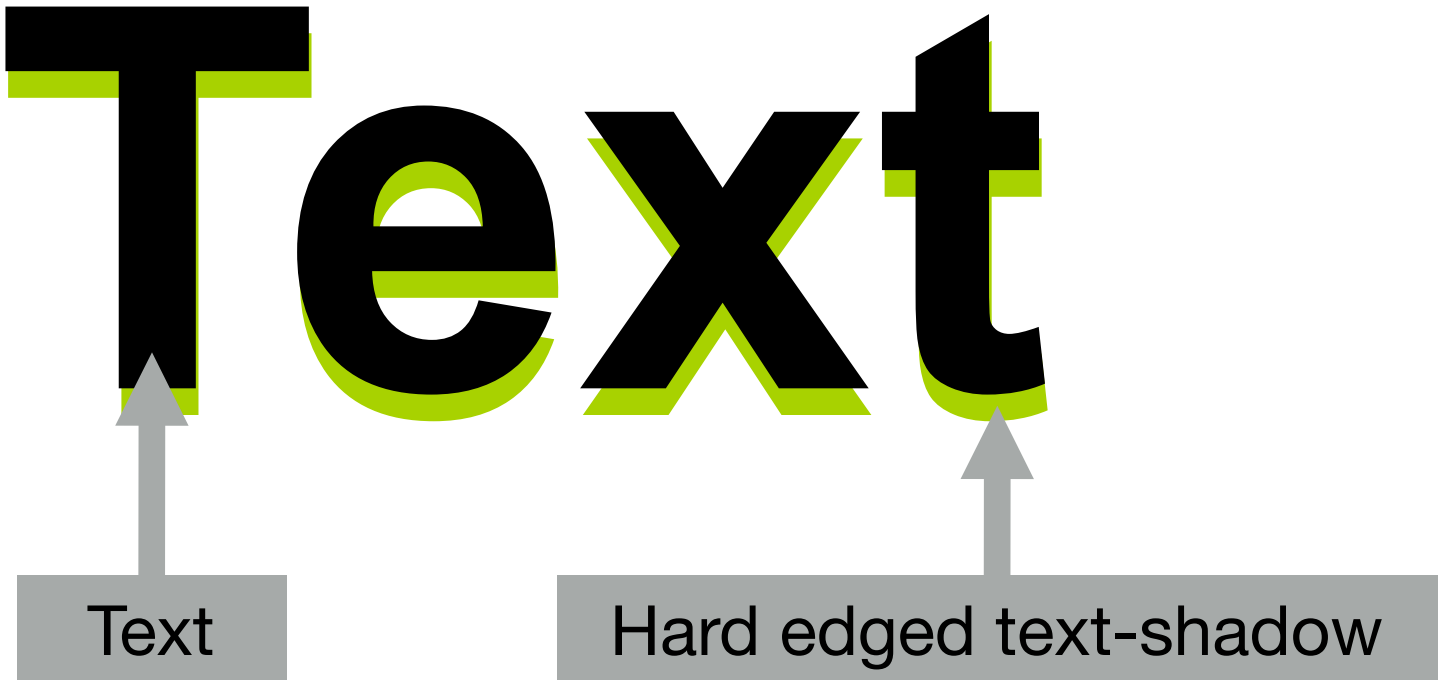
Text
Text
Negative vertical text-shadow

Blur radius

The **blur radius** of the shadow is defined third.

```
/* blur radius */
p { text-shadow: 10px 10px 5px #000; }
```

If set to a value of “0” the shadow will be **hard edged**.


Text
Text
Hard edged text-shadow

The higher the blur radius number, the **softer** the text-shadow will be.

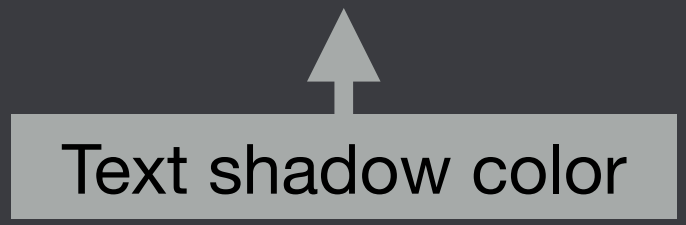
Text
Text
Soft text-shadow

Negative values are **not allowed** for the bur radius.

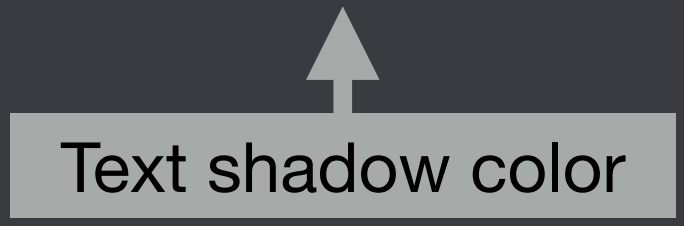
Text-shadow color

The color may be specified **before or after** the <length> values.

```
/* color before lengths */
p { text-shadow: #000 10px 10px 5px; }
```




```
/* color after lengths */
p { text-shadow: 10px 10px 5px #000; }
```

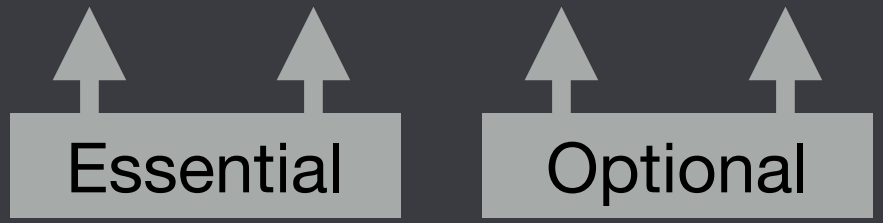


The color can specified using a **variety of methods** including: keyword, hexadecimal notation, RGB/RGBA notation and HSL/HSLA notation.

Essential and optional values

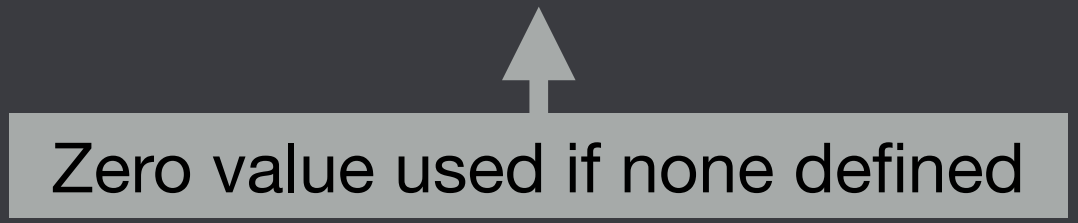
Text-shadow **must include the two offset values**. Blur radius and a shadow color are optional.

```
/* essential and optional values */
p { text-shadow: 10px 10px 5px #000; }
```



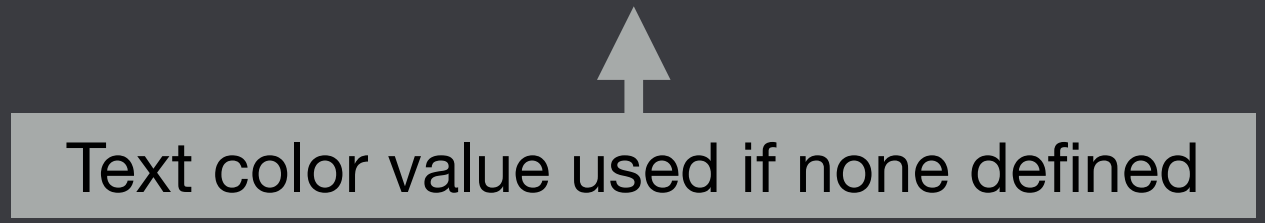
If no blur radius is specified, browsers will **assume a ‘0’ value** and the shadow will be hard edged.

```
/* essential and optional values */
p { text-shadow: 10px 10px ? #000; }
```



If no color is specified, most browsers will use **the color of the text** as the color value.

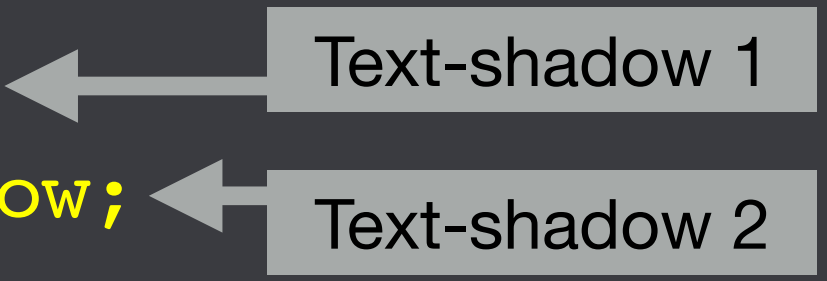
```
/* essential and optional values */
p { text-shadow: 10px 10px 5px ?; }
```



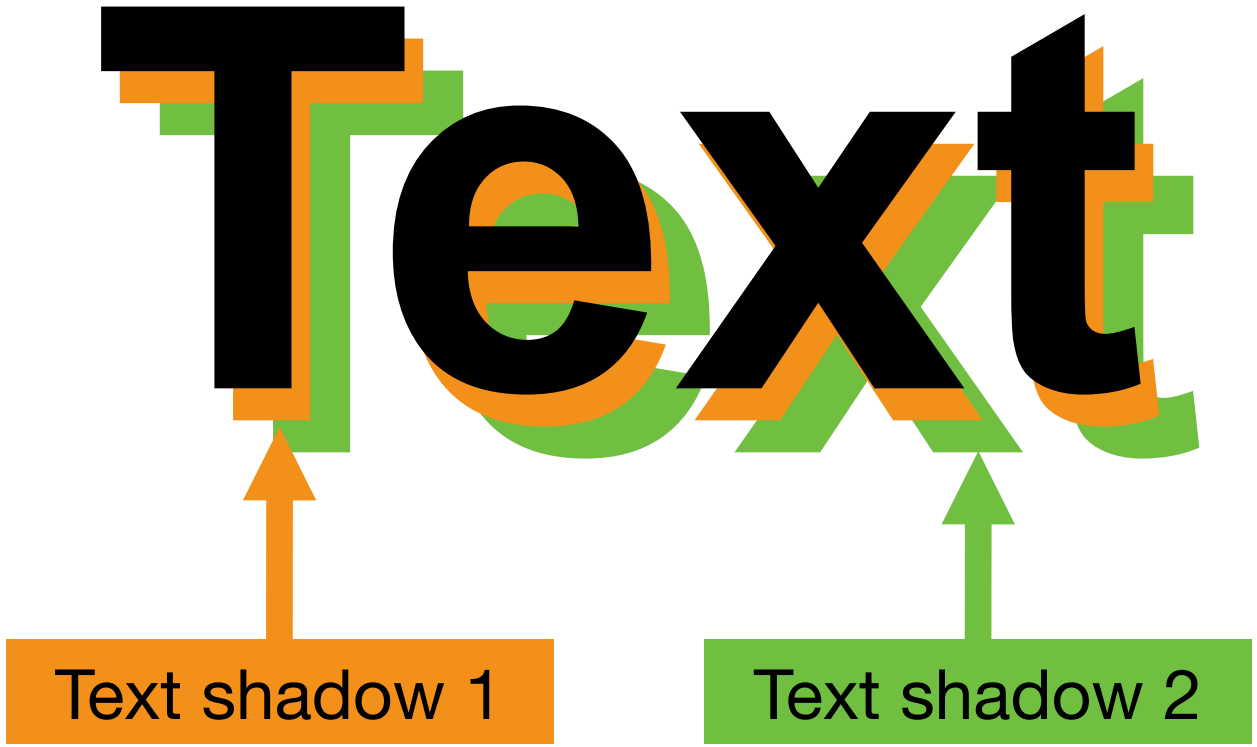
Multiple text-shadows

Multiple text shadows can be applied to the one piece of content. They are applied as a comma-separated list.

```
/* essential and optional values */
p
{
    text-shadow:
    10px 10px 5px #000,
    20px 20px 20px yellow;
}
```



The shadow effects are applied front-to-back: the first shadow is on top and the others are layered behind. Shadows **cannot overlay the text itself**.


Text
Text shadow 1
Text shadow 2

Browser support

CSS3 Text-shadow - CR

Global 90.34% + 5.11% = 95.45%

Method of applying one or more shadow or blur effects to text

Current aligned | Usage relative | Show all

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
								4.1	
8			43					4.3	
9		40	44					4.4	
10 [1]		41	45	8		8.4		4.4.4	
11 [1]	12 [1]	42	46	9	32	9.1	8	44	46
	13 [1]	43	47		33				
		44	48		34				
		45	49						

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