

CSS Opacity / Transparency

- description : CSS Opacity / Transparency
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opacity / (opacity / Transparency) .

Transparent Image

opacity 0.0 ~ 1.0 가 . , .

Image Transparency

The opacity property specifies the Transparency of an element. The lower the value, the more transparent:

Image with 20% opacity: Image with 50% opacity: Image with 100% opacity:



```
#container { display: flex; }
```

Image Transparency

The opacity property specifies the Transparency of an element. The lower the value, the more transparent:

Image with 20% opacity:



Image with 50% opacity:



Image with 100% opacity:



Transparent Hover Effect

`opacity` `:hover` (on mouse-over)

```
#container { display: flex; } img { opacity: 0.5; } img:hover { opacity: 1.0; }
```

Image Transparency

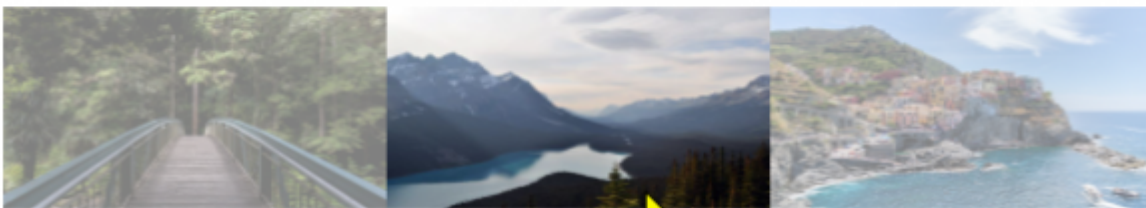
The `opacity` property is often used together with the `:hover` selector to change the opacity on mouse-over:



Result

Image Transparency

The `opacity` property is often used together with the `:hover` selector to change the opacity on mouse-over:



:

opacity 0.1

opacity 0.3

opacity 0.6

opacity 1 (default)

result

Transparent Box

When using the opacity property to add transparency to the background of an element, all of its child elements become transparent as well. This can make the text inside a fully transparent element hard to read:



Transparency using RGBA

	가	RGBA	
RGB		(RGBA)	RGB
RGBA	rgba (red, green, blue, alpha)		
	0.0 ()	1.0 ()	

```
div { background-color: rgb(76, 175, 80); padding: 10px; } div.first { background-color: rgba(76, 175, 80, 0.1); } div.second { background-color: rgba(76, 175, 80, 0.3); } div.third { background-color: rgba(76, 175, 80, 0.6); }
```

Transparent Box

With opacity

10% opacity

30% opacity

60% opacity

opacity 1

With RGBA color values:

10% opacity

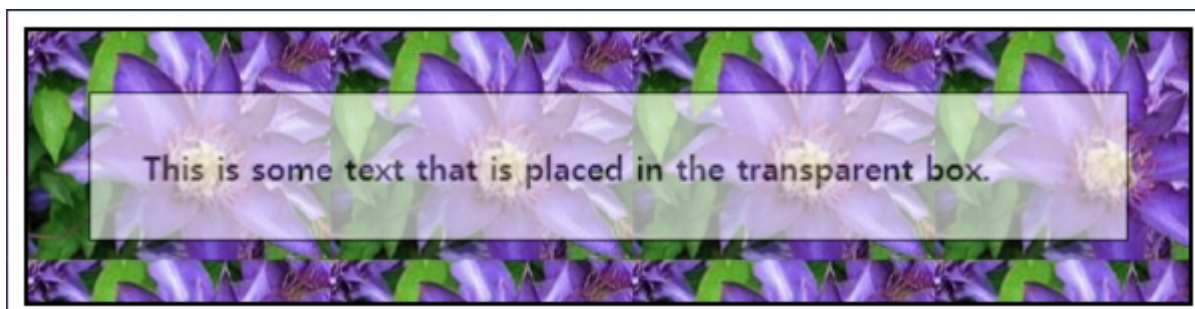
30% opacity

60% opacity

default

Notice how the text gets happened as well as the background color when using the opacity property.

Text in Transparent Box



```
div.background { background: url(klematis.jpg); border: 2px solid black; } div.transbox { margin:
```

```
30px; background-color: #ffffff; border: 1px solid black; opacity: 0.6; } div.transbox p { margin: 5%; font-weight: bold; color: #000000; }
```

This is some text that is placed in the transparent box.

```
    ,                가   <div>   (class="background")   .  
    ,                <div>   <div> (class = "transbox")   .  
<div class="transbox">   가   . div   .  
    <div>   <p>   가   .
```

, [CSS](#), [Opacity](#), [Transparency](#)

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