

# Converting Colors

Hex(067BF9)

Have a look what the booklet for  
Hex(067BF9) contains.

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# Color

**Hex(067BF9)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 067BF9                       |
| RGB         | 6, 123, 249                  |
| RGB Percent | 2%, 48%, 98%                 |
| CMY         | 0.9765, 0.5176, 0.0235       |
| CMYK        | 0.98, 0.51, 0.00, 0.02       |
| HSL         | 211°, 95%, 50%               |
| HSV         | 211°, 98%, 98%               |
| XYZ         | 24.2569, 21.0442, 92.4060    |
| YIQ         | 102.3810, -110.1780, 14.3820 |

# Conversions

## Conversions Part 2

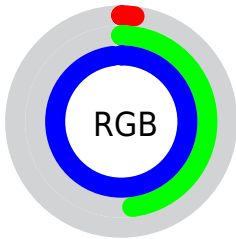
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 6, 85, 249                     |
| Decimal                             | 424953                         |
| CIE Lab                             | 53.00, 19.75, -70.39           |
| CIE LCh                             | 53, 73.111, 285.672            |
| Yxy                                 | 21.0442, 0.1761,<br>0.1528     |
| Android<br>(android.graphics.Color) | 4278615033<br>(0xFF067BF9)     |
| YUV                                 | 102.3810, 72.2832,<br>-84.5261 |
| Hunter-Lab                          | 45.8739, 14.1067,<br>-87.3188  |

# Details

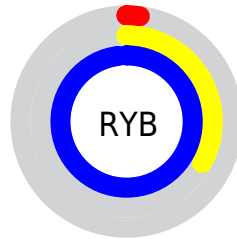
The Hex color **067BF9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F98406**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **70AFFF**, and **004CC0** is the 20% darker color. If you saturate the color by 10%, you get **0078F9**, and if you desaturate by 10%, it is **1F88F9**.

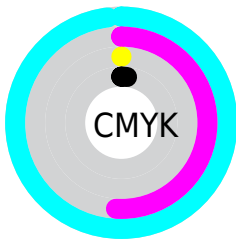
# Distribution



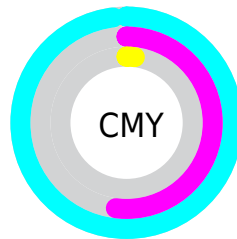
- Red (2%)
- Green (48%)
- Blue (98%)



- Red (2%)
- Yellow (33%)
- Blue (98%)



- Cyan (98%)
- Magenta (51%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (52%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 067BF9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 067BF9 by changing the saturation by 10% instead.



 067BF9

 067BF9

FFFFFF

 0063DC

 70AFF9

 004CC0

 92CAFF

 0036A4

 B2E6FF

 002389

 D2FFFF


 000F6F

 F2FFFF

 000C55

 00063D

 000326

 00010F

 067BF9

 067BF9

 0078F9

 1F88F9

 3895F9

 51A2F9

 6AAFF9

 83BCF9

 9BC8F9

 B4D5F9

 CDE2F9

 E6EFF9

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



008FF9



067BF9



A95CD7

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



067BF9



DA5224



00985D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



067BF9



F98406

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



259216



067BF9



B27100

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



067BF9



EC3361



7A8600



009A9F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



067BF9



D144B4



7A8600



009747

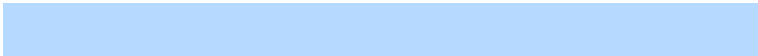


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



067BF9



B5D9FF



06F984



536880



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



067BF9



007BFF



0A06F9



70767D



005BBD



001D3D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F9067B



FF007B



F5F906



7D7076



BD005B



3D001D



# Previews

## White Background



This preview shows how the Hex color 067BF9 looks on a white background.

## Color Contrast Check

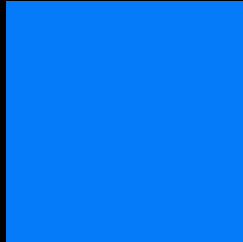
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 067BF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

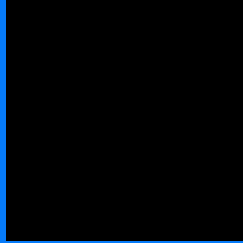
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

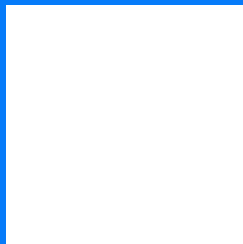
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 067BF9 Background



This preview shows how black text looks on a background with the Hex color 067BF9.



This preview shows how white text looks on a background with the Hex color 067BF9.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
008C95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 067BF9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #067BF9 looks like.

```
.text, #text, p{  
    color:#067BF9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #067BF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067BF9
}
```

## Border

The CSS property to change the border of an element to Hex 067BF9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#067BF9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#067BF9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #067BF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067BF9; -webkit-box-shadow:4px 4px  
4px 4px #067BF9; box-shadow:4px 4px 4px  
4px #067BF9 }
```

# Background

The CSS property to change the background color of an element to Hex 067BF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067BF9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#067BF9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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