

Converting Colors

Hex(067DF9)

Have a look what the booklet for
Hex(067DF9) contains.

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Color

Hex(067DF9)

Conversions

Conversions Part 1

Format	Color
Hex	067DF9
RGB	6, 125, 249
RGB Percent	2%, 49%, 98%
CMY	0.9765, 0.5098, 0.0235
CMYK	0.98, 0.50, 0.00, 0.02
HSL	211°, 95%, 50%
HSV	211°, 98%, 98%
XYZ	24.5076, 21.5455, 92.4895
YIQ	103.5550, -110.7280, 13.3360

Conversions

Conversions Part 2

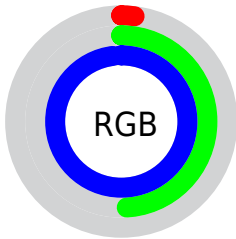
Format	Color
R _Y B	6, 86, 249
Decimal	425465
CIE Lab	53.54, 18.49, -69.51
CIE LCh	54, 71.931, 284.899
Yxy	21.5455, 0.1769, 0.1555
Android (android.graphics.Color)	4278615545 (0xFF067DF9)
YUV	103.5550, 71.7044, -85.5557
Hunter-Lab	46.4171, 13.0155, -85.6477

Details

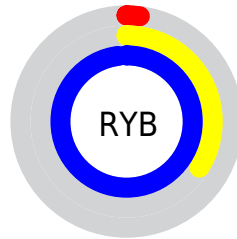
The Hex color **067DF9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F98206**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **70B1FF**, and **004DC0** is the 20% darker color. If you saturate the color by 10%, you get **007AF9**, and if you desaturate by 10%, it is **1F8AF9**.

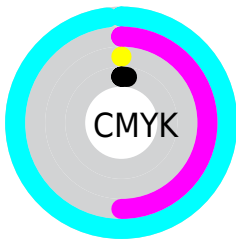
Distribution



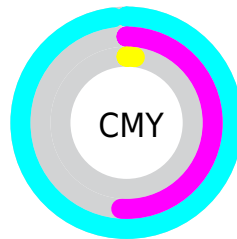
- Red (2%)
- Green (49%)
- Blue (98%)



- Red (2%)
- Yellow (34%)
- Blue (98%)



- Cyan (98%)
- Magenta (50%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 067DF9 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 067DF9 by changing the saturation by 10% instead.

067DF9

067DF9

FFFFFF

0065DC

70B1FF

004DC0

92CCFF

0038A4

B2E8FF

002489

D2FFFF

00116F

F2FFFF

000C55

00063D

000326

00010F

■ 067DF9

■ 067DF9

■ 007AF9

■ 1F8AF9

■ 3896F9

■ 51A3F9

■ 6AB0F9

■ 83BDF9

■ 9BC9F9

■ B4D6F9

■ CDE3F9

■ E6EFF9

Harmonies

Analogous

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



0090F8



067DF9



A85FD9

Triad

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



067DF9



DB5429



00995D

Complementary

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



067DF9



F98206

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.



2E9319



067DF9



B47200

Square

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



067DF9



EC3864



7E8700



009B9E

Rectangle

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



067DF9



D148B6



7E8700



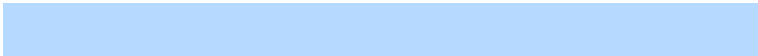
009848

Sweetspot

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



067DF9



B5D9FF



06F97F



536980



000000



808080

Same Dimension

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



067DF9



007DFF



0606F9



70777D



005CBD



001E3D

Inverse Universe

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



F9067D



FF007D



F9F906



7D7077



BD005C



3D001E

Previews

White Background



This preview shows how the Hex color 067DF9 looks on a white background.

Color Contrast Check

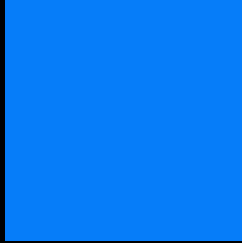
Large Text (above 18pt) WCAG AA ✓ Pass

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 067DF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

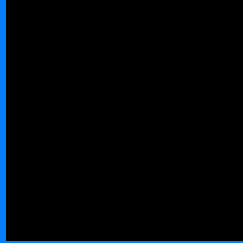
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

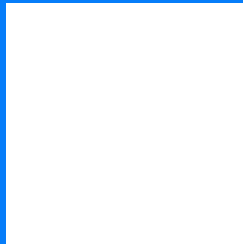
Any Text WCAG AAA × Fail

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

Hex 067DF9 Background



This preview shows how black text looks on a background with the Hex color 067DF9.



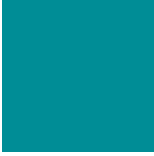
This preview shows how white text looks on a background with the Hex color 067DF9.

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](#).

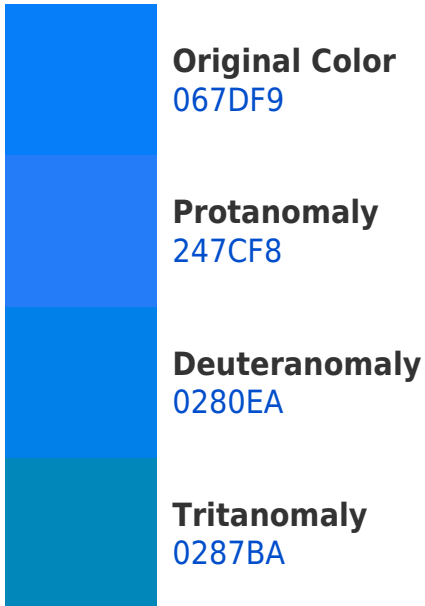
Dichromacy





Tritanopia
008D96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 067DF9 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 #067DF9 looks like.

```
.text, #text, p{  
    color:#067DF9  
}
```

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 #067DF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067DF9
}
```

Border

The CSS property to change the border of an element to Hex 067DF9 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
#067DF9 }
```

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

```
.border{ border-color:#067DF9 }
```

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

Here you see how a box with a 4 pixel #067DF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067DF9; -webkit-box-shadow:4px 4px  
4px 4px #067DF9; box-shadow:4px 4px 4px  
4px #067DF9 }
```

Background

The CSS property to change the background color of an element to Hex 067DF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067DF9 }
```

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

```
.background{ background-color:#067DF9 }
```

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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