

# Converting Colors

Hex(006CFC)

Have a look what the booklet for  
Hex(006CFC) contains.

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**Color**

**Hex(006CFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006CFC
RGB	0, 108, 252
RGB Percent	0%, 42%, 99%
CMY	1.0000, 0.5765, 0.0118
CMYK	1.00, 0.57, 0.00, 0.01
HSL	214°, 100%, 49%
HSV	214°, 100%, 99%
XYZ	22.9332, 17.7534, 94.3135
YIQ	92.1240, -110.5920, 21.8880

# Conversions

## Conversions Part 2

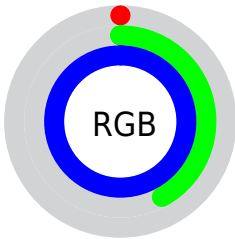
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 76, 252
Decimal	27900
CIELab	49.20, 30.26, -78.24
CIELCh	49, 83.891, 291.144
Yxy	17.7534, 0.1699, 0.1315
Android (android.graphics.Color)	4278217980 (0xFF006CFC)
YUV	92.1240, 78.8189, -80.7927
Hunter-Lab	42.1348, 23.4187, -103.2190

# Details

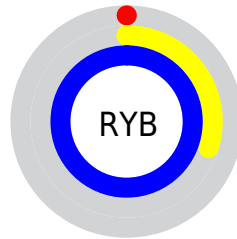
The Hex color **006CFC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FC9000**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **719FFF**, and **003EC2** is the 20% darker color. If you saturate the color by 10%, you get **006CFC**, and if you desaturate by 10%, it is **197AFC**.

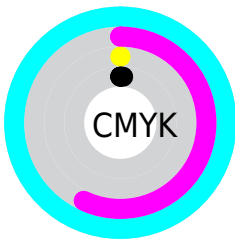
# Distribution



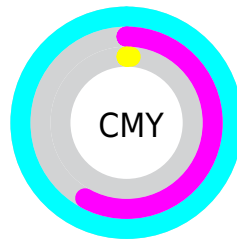
- Red (0%)
- Green (42%)
- Blue (99%)



- Red (0%)
- Yellow (30%)
- Blue (99%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (58%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006CFC 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 006CFC by changing the saturation by 10% instead.



 006CFC

 006CFC

FFFFFF

 0054DF

 719FFF

 003EC2

 93B9FF

 002AA6

 B4D5FF

 00198B

 D4F1FF

 000071

 F4FFFF

 000C57

 00063F

 000328

 000112

 006CFC

 197AFC

 3289FC

 4C97FC

 65A6FC

 7EB4FC

 97C2FC

 B0D1FC

 CADFFC

 E3EEFC

# Harmonies

## Analogous

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



0085FF



006CFC



B241D0

# Triad

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



006CFC



D14500



00915D

# Complementary

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



006CFC



FC9000

# 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.



008C00



006CFC



A06B00

# Square

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



006CFC



EB0047



5F8000



0092A7

# Rectangle

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



006CFC



D90BA5



5F8000



008F43



# Sweetspot

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



006CFC



B3D3FF



00FC8F



526580



000000



808080



# Same Dimension

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



006CFC



006DFF



1100FC



70767D



0051BD



001A3D



# Inverse Universe

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



FC006C



FF006D



EBFC00



7D7076



BD0051



3D001A



# Previews

## White Background



This preview shows how the Hex color 006CFC looks on a white background.

## Color Contrast Check

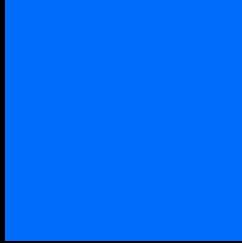
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 006CFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

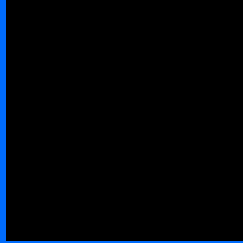
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 006CFC Background



This preview shows how black text looks on a background with the Hex color 006CFC.



This preview shows how white text looks on a background with the Hex color 006CFC.

# 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**  
008189

# Trichromacy



**Original Color**  
006CFC

**Protanomaly**  
006FF2

**Deuteranomaly**  
0073DD

**Tritanomaly**  
0079B3

# Monochromacy



**Original Color**  
006CFC

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
3B6296

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006CFC 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 #006CFC looks like.

```
.text, #text, p{  
    color:#006CFC  
}
```

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 #006CFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006CFC
}
```

## Border

The CSS property to change the border of an element to Hex 006CFC is called "border". The border property can be set on classes, ids or directly on the HTML element.

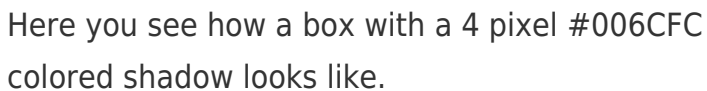
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#006CFC }
```

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

```
.border{ border-color:#006CFC }
```

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



Here you see how a box with a 4 pixel #006CFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006CFC; -webkit-box-shadow:4px 4px  
4px 4px #006CFC; box-shadow:4px 4px 4px  
4px #006CFC }
```

# Background

The CSS property to change the background color of an element to Hex 006CFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006CFC }
```

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

```
.background{ background-color:#006CFC }
```

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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