

Converting Colors

Hex(006CFA)

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

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Color

Hex(006CFA)

Conversions

Conversions Part 1

Format	Color
Hex	006CFA
RGB	0, 108, 250
RGB Percent	0%, 42%, 98%
CMY	1.0000, 0.5765, 0.0196
CMYK	1.00, 0.57, 0.00, 0.02
HSL	214°, 100%, 49%
HSV	214°, 100%, 98%
XYZ	22.6179, 17.6273, 92.6528
YIQ	91.8960, -109.9500, 21.2660

Conversions

Conversions Part 2

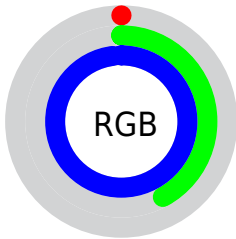
Format	Color
RYB	0, 75, 250
Decimal	27898
CIELab	49.04, 29.49, -77.38
CIELCh	49, 82.814, 290.864
Yxy	17.6273, 0.1702, 0.1326
Android (android.graphics.Color)	4278217978 (0xFF006CFA)
YUV	91.8960, 77.9453, -80.5928
Hunter-Lab	41.9848, 22.6873, -101.4528

Details

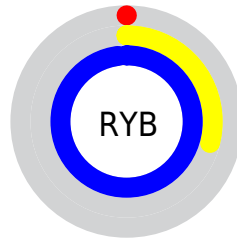
The Hex color **006CFA** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FA8E00**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **709FFF**, and **003EC0** is the 20% darker color. If you saturate the color by 10%, you get **006CFA**, and if you desaturate by 10%, it is **197AFA**.

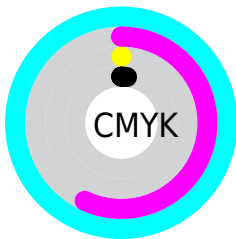
Distribution



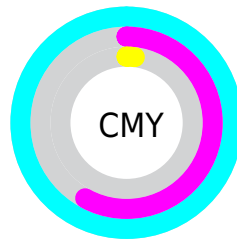
- Red (0%)
- Green (42%)
- Blue (98%)



- Red (0%)
- Yellow (29%)
- Blue (98%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 006CFA

 006CFA

FFFFFF

 0054DD

 709FFF

 003EC0

 92B9FF

 002AA4

 B3D5FF

 001989

 D3F1FF

 00016F

 F3FFFF

 000C55

 00063D

 000326

 000110

 006CFA

 197AFA

 3288FA

 4B97FA

 64A5FA

 7DB3FA

 96C1FA

 AFCFFA

 C8DEFA

 E1ECFA

Harmonies

Analogous

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



0084FF



006CFA



B042CF

Triad

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



006CFA



D04500



00905C

Complementary

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



006CFA



FA8E00

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.



008B00



006CFA



A06A00

Square

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



006CFA



E90048



5F8000



0091A5

Rectangle

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



006CFA



D712A4



5F8000



008F43

Sweetspot

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



006CFA



B3D4FF



00FA8E



526580



000000



808080

Same Dimension

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



006CFA



006EFF



1100FA



70767D



0052BD



001A3D

Inverse Universe

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



FA006C



FF006E



E9FA00



7D7076



BD0052



3D001A

Previews

White Background



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

Color Contrast Check

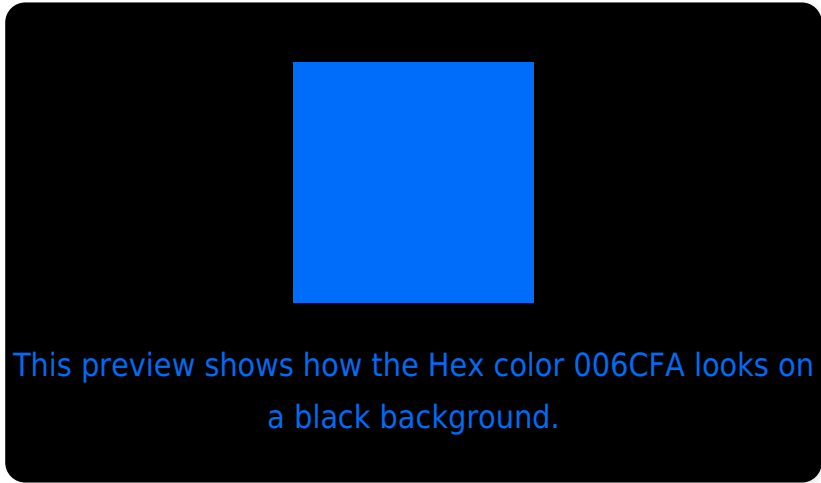
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

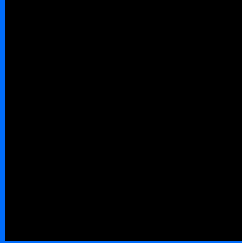
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

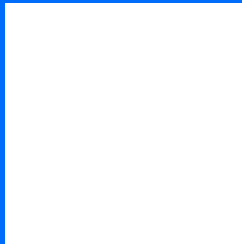
Any Text WCAG AAA × Fail

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

Hex 006CFA Background



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



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

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



Original Color
006CFA

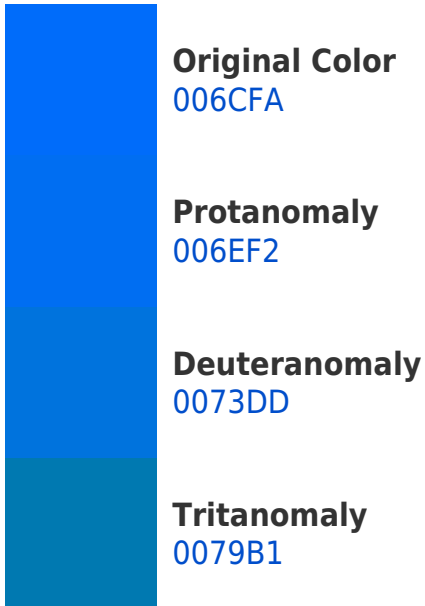
Protanopia
006FED

Deuteranopia
0077CC

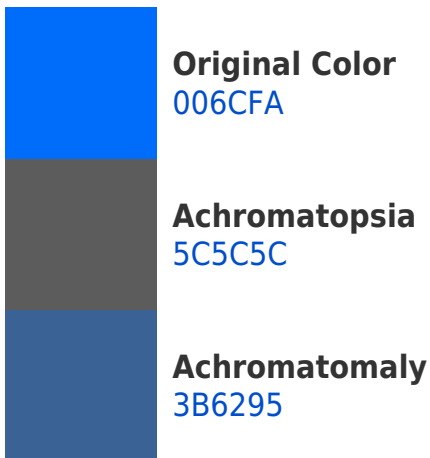


Tritanopia
008188

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #006CFA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 006CFA 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
#006CFA }
```

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

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

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

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

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

Background

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

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

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

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

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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