

Converting Colors

Hex(006CF1)

Have a look what the booklet for
Hex(006CF1) contains.

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Color

Hex(006CF1)

Conversions

Conversions Part 1	
Format	Color
Hex	006CF1
RGB	0, 108, 241
RGB Percent	0%, 42%, 95%
CMY	1.0000, 0.5765, 0.0549
CMYK	1.00, 0.55, 0.00, 0.05
HSL	213°, 100%, 47%
HSV	213°, 100%, 95%
XYZ	21.2397, 17.0760, 85.3956
YIQ	90.8700, -107.0610, 18.4670

Conversions

Conversions Part 2

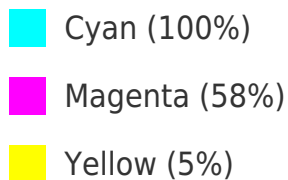
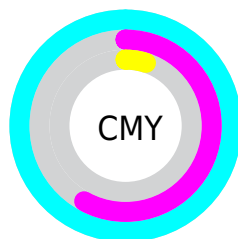
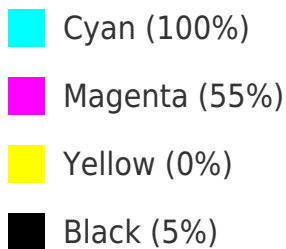
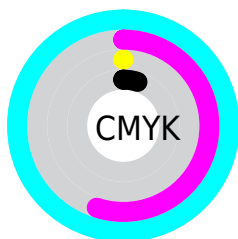
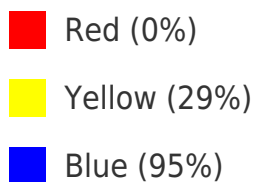
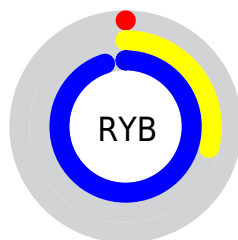
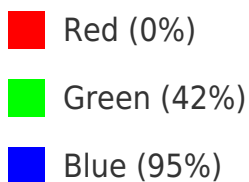
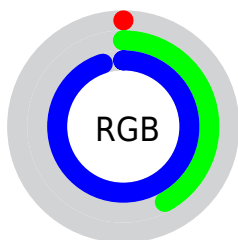
Format	Color
RYB	0, 75, 241
Decimal	27889
CIELab	48.36, 26.02, -73.48
CIELCh	48, 77.954, 289.501
Yxy	17.0760, 0.1717, 0.1380
Android (android.graphics.Color)	4278217969 (0xFF006CF1)
YUV	90.8700, 74.0141, -79.6930
Hunter-Lab	41.3231, 19.4321, -93.5986

Details

The Hex color **006CF1** 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 **F18500**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6D9FFF**, and **003EB8** is the 20% darker color. If you saturate the color by 10%, you get **006CF1**, and if you desaturate by 10%, it is **1879F1**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 006CF1 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 006CF1 by changing the saturation by 10% instead.

 006CF1

FFFFFF

 6D9FFF

 8FB9FF

 AFD5FF

 CFF1FF

 EFFFFF

 006CF1

 0054D4

 003EB8

 002A9C

 001981

 000367

 000A4E

 000536

 000220

 000004

 006CF1


 1879F1

 3087F1

 4894F1

 60A1F1

 78AFF1

 91BCF1

 A9C9F1

 C1D6F1

 D9E4F1

Harmonies

Analogous

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



0082F6



006CF1



A847CA

Triad

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



006CF1



CB4600



008D59

Complementary

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



006CF1



F18500

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.



008804



006CF1



9F6800

Square

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



006CF1



E2114C



637D00



008E9D

Rectangle

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



006CF1



CE25A2



637D00



008C41

Sweetspot

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



006CF1



B3D5FF



00F185



526680



000000



808080

Same Dimension

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



006CF1



0072FF



0C00F1



6C7178



0052B8



001938

Inverse Universe

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



F1006C



FF0072



E5F100



786C71



B80052



380019

Previews

White Background



This preview shows how the Hex color 006CF1 looks on a white background.

Color Contrast Check

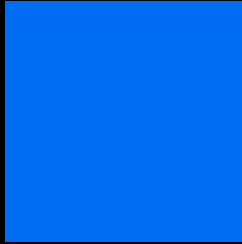
Large Text (above 18pt) WCAG AA ✓ Pass

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 006CF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

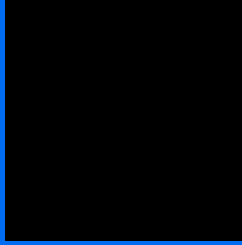
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

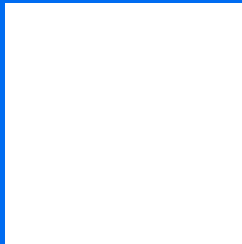
Any Text WCAG AAA × Fail

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

Hex 006CF1 Background



This preview shows how black text looks on a background with the Hex color 006CF1.



This preview shows how white text looks on a background with the Hex color 006CF1.

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](#).

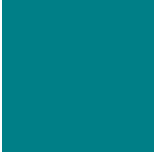
Dichromacy



Original Color
006CF1

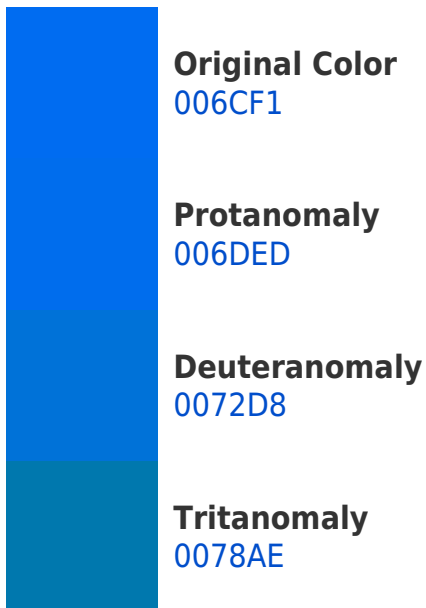
Protanopia
006EEA

Deuteranopia
0075C9



Tritanopia
007F87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006CF1 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 #006CF1 looks like.

```
.text, #text, p{  
    color:#006CF1  
}
```

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 #006CF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006CF1
}
```

Border

The CSS property to change the border of an element to Hex 006CF1 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
#006CF1 }
```

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

```
.border{ border-color:#006CF1 }
```

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

Here you see how a box with a 4 pixel #006CF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006CF1; -webkit-box-shadow:4px 4px  
4px 4px #006CF1; box-shadow:4px 4px 4px  
4px #006CF1 }
```

Background

The CSS property to change the background color of an element to Hex 006CF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006CF1 }
```

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

```
.background{ background-color:#006CF1 }
```

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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