

# Converting Colors

Hex(006FCA)

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

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# Color

**Hex(006FCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006FCA
RGB	0, 111, 202
RGB Percent	0%, 44%, 79%
CMY	1.0000, 0.5647, 0.2078
CMYK	1.00, 0.45, 0.00, 0.21
HSL	207°, 100%, 40%
HSV	207°, 100%, 79%
XYZ	16.3451, 15.6331, 58.0331
YIQ	88.1850, -95.3670, 4.7690

# Conversions

## Conversions Part 2

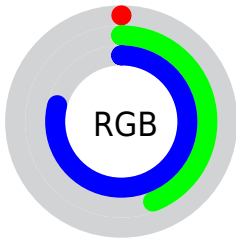
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 202
Decimal	28618
CIELab	46.49, 8.70, -54.42
CIELCh	46, 55.107, 279.080
Yxy	15.6331, 0.1816, 0.1737
Android (android.graphics.Color)	4278218698 (0xFF006FCA)
YUV	88.1850, 56.1108, -77.3382
Hunter-Lab	39.5388, 4.5981, -59.3459

# Details

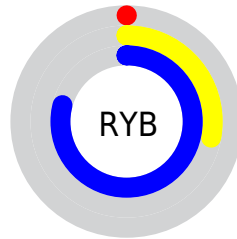
The Hex color **006FCA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CA5B00**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **62A2FF**, and **004093** is the 20% darker color. If you saturate the color by 10%, you get **006FCA**, and if you desaturate by 10%, it is **1478CA**.

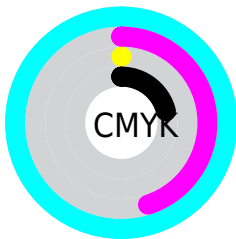
# Distribution



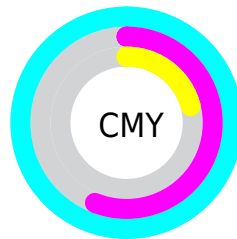
- Red (0%)
- Green (44%)
- Blue (79%)



- Red (0%)
- Yellow (28%)
- Blue (79%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (56%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 006FCA

 006FCA

FFFFFF

 0057AE

 62A2FF

 004093

 82BDFF

 002B79

 A1D8FF

 00185F

 BFF5FF

 000847

 DEFFF

 000430

 FCFFF

 00011A

 000000

 006FCA

■ 1478CA

■ 2881CA

■ 3D8ACA

■ 5193CA

■ 659DCA

■ 79A6CA

■ 8DAFCA

■ A2B8CA

■ B6C1CA

# Harmonies

## Analogous

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



007CC5



006FCA



815BB6

# Triad

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



006FCA



B94C36



00814B

# Complementary

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



006FCA



CA5B00

# 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.



457B1E



006FCA



9E600D

# Square

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



006FCA



C03E62



777100



00847B

# Rectangle

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



006FCA



A44D9E



777100



00803C

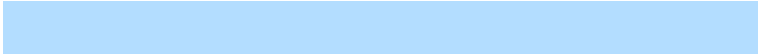


# Sweetspot

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



006FCA



B3DDFF



00CA5B



526B80



000000



808080



# Same Dimension

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



006FCA



008CFF



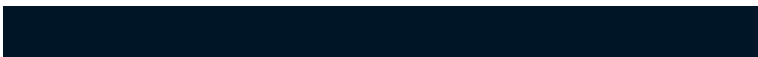
000ACA



5C6166



005BA6



001526



# Inverse Universe

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



CA006F



FF008C



CAC000



665C61



A6005B



260015



# Previews

## White Background



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

## Color Contrast Check

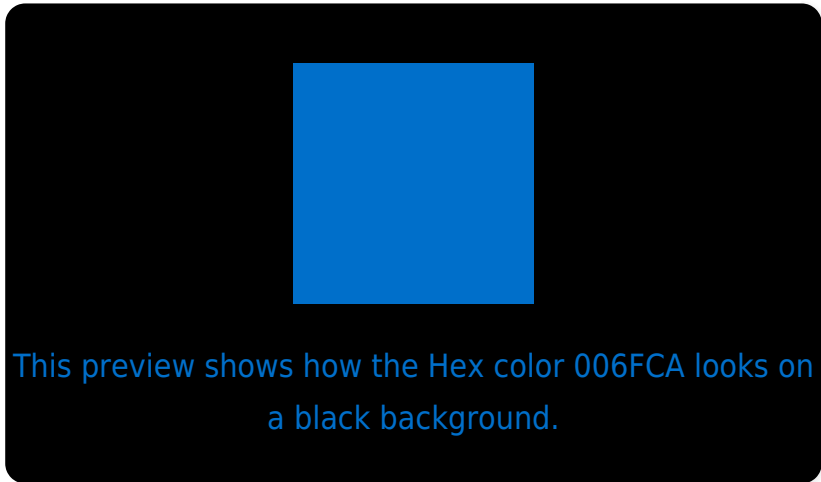
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

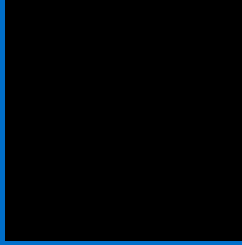
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006FCA Background



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

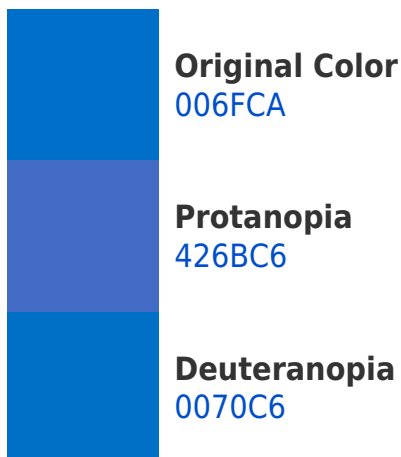


This preview shows how white text looks on a background with the Hex color 006FCA.

# 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](#).

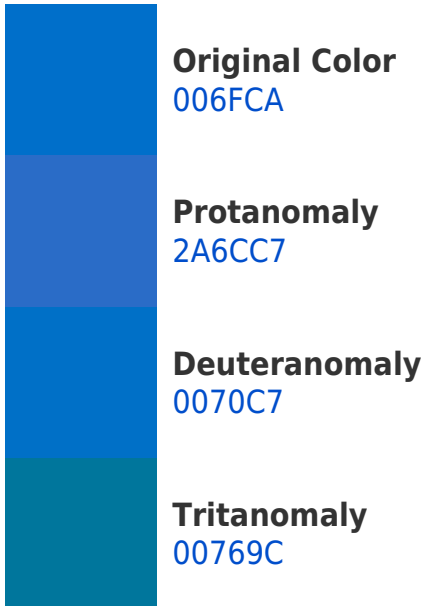
## Dichromacy





**Tritanopia**  
007A82

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #006FCA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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