

# Converting Colors

Hex(006FC1)

Have a look what the booklet for  
Hex(006FC1) contains.

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# Color

**Hex(006FC1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006FC1
RGB	0, 111, 193
RGB Percent	0%, 44%, 76%
CMY	1.0000, 0.5647, 0.2431
CMYK	1.00, 0.42, 0.00, 0.24
HSL	205°, 100%, 38%
HSV	205°, 100%, 76%
XYZ	15.3101, 15.2191, 52.5827
YIQ	87.1590, -92.4780, 1.9700

# Conversions

## Conversions Part 2

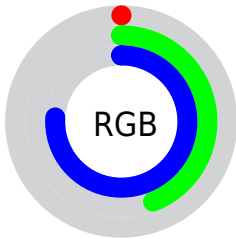
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 70, 193</a>
Decimal	<a href="#">28609</a>
CIELab	<a href="#">45.93, 5.10, -50.13</a>
CIElCh	<a href="#">46, 50.390, 275.807</a>
Yxy	<a href="#">15.2191, 0.1842, 0.1831</a>
Android (android.graphics.Color)	<a href="#">4278218689 (0xFF006FC1)</a>
YUV	<a href="#">87.1590, 52.1796, -76.4384</a>
Hunter-Lab	<a href="#">39.0117, 1.7815, -52.6071</a>

# Details

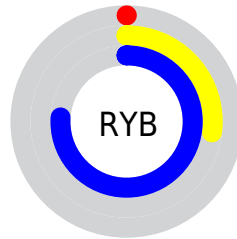
The Hex color **006FC1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C15200**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5FA2FA**, and **00408B** is the 20% darker color. If you saturate the color by 10%, you get **006FC1**, and if you desaturate by 10%, it is **1377C1**.

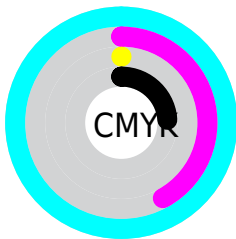
# Distribution



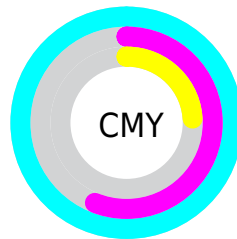
- Red (0%)
- Green (44%)
- Blue (76%)



- Red (0%)
- Yellow (27%)
- Blue (76%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (56%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006FC1 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 006FC1 by changing the saturation by 10% instead.



■ 006FC1

■ 006FC1

FFFFFF

■ 0057A5

■ 5FA2FA

■ 00408B

■ 7FBDFE

■ 002B71

■ 9DD9FF

■ 001858

■ BBF5FF

■ 000740

■ DAFFFF

■ 000329

■ F8FFFF

■ 000113

■ 000000

■ 006FC1

 1377C1

 277FC1

 3A88C1

 4D90C1

 6198C1

 74A0C1

 87A8C1

 9AB1C1

 AEB9C1

# Harmonies

## Analogous

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



007AB9



006FC1



785EB2

# Triad

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



006FC1



B34C3E



007E48

# Complementary

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



006FC1



C15200

# 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.



4E7822



006FC1



9D5E1C

# Square

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



006FC1



B84366



7A6D09



008174

# Rectangle

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



006FC1



9A519D



7A6D09



217D3B

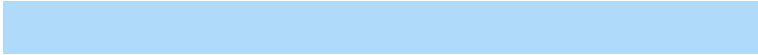


# Sweetspot

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



006FC1



AFDAFA



00C150



506A7D



FCFCFC



7D7D7D



# Same Dimension

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



006FC1



0090FA



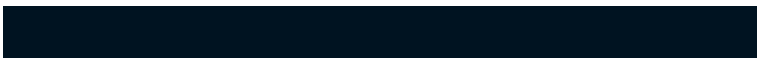
0010C1



575D61



005CA1



001321



# Inverse Universe

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



C1006F



FA0090



C1B100



61575D



A1005C



210013



# Previews

## White Background



This preview shows how the Hex color 006FC1 looks on a white background.

## Color Contrast Check

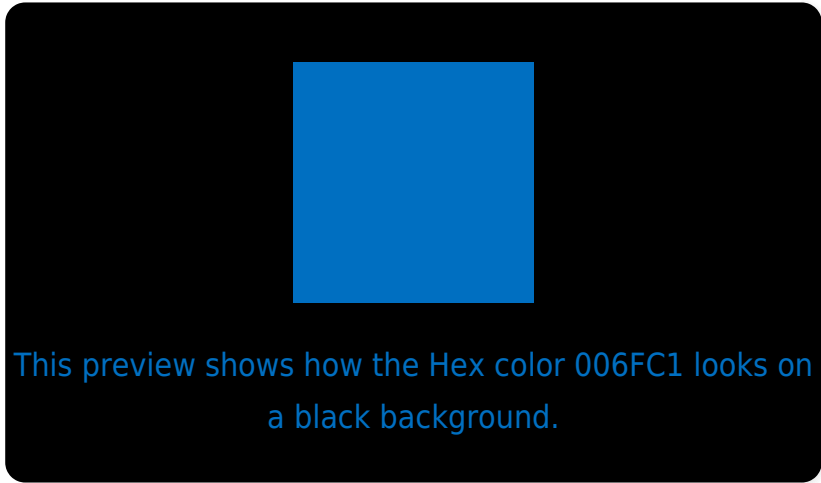
Large Text (above 18pt) WCAG AA ✓ Pass

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 006FC1 Background



This preview shows how black text looks on a background with the Hex color 006FC1.



This preview shows how white text looks on a background with the Hex color 006FC1.

# 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](#).

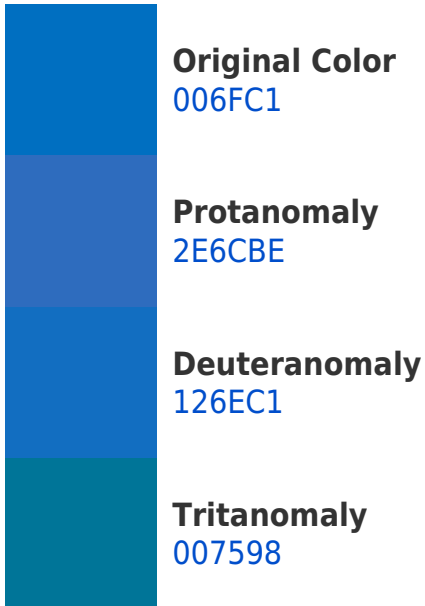
## Dichromacy





**Tritanopia**  
007981

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006FC1 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 #006FC1 looks like.

```
.text, #text, p{  
    color:#006FC1  
}
```

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 #006FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006FC1
}
```

## Border

The CSS property to change the border of an element to Hex 006FC1 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
#006FC1 }
```

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

```
.border{ border-color:#006FC1 }
```

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

Here you see how a box with a 4 pixel #006FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006FC1; -webkit-box-shadow:4px 4px  
4px 4px #006FC1; box-shadow:4px 4px 4px  
4px #006FC1 }
```

# Background

The CSS property to change the background color of an element to Hex 006FC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006FC1 }
```

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

```
.background{ background-color:#006FC1 }
```

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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