

Converting Colors

Hex(006FC3)

Have a look what the booklet for
Hex(006FC3) contains.

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Color

Hex(006FC3)

Conversions

Conversions Part 1

Format	Color
Hex	006FC3
RGB	0, 111, 195
RGB Percent	0%, 44%, 76%
CMY	1.0000, 0.5647, 0.2353
CMYK	1.00, 0.43, 0.00, 0.24
HSL	206°, 100%, 38%
HSV	206°, 100%, 76%
XYZ	15.5348, 15.3090, 53.7659
YIQ	87.3870, -93.1200, 2.5920

Conversions

Conversions Part 2

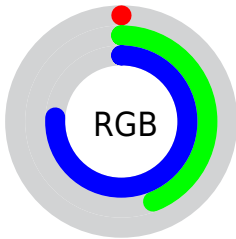
Format	Color
R_{YB}	0, 71, 195
Decimal	28611
CIE _{Lab}	46.05, 5.90, -51.09
CIE _{LCh}	46, 51.430, 276.586
Yxy	15.3090, 0.1836, 0.1809
Android (android.graphics.Color)	4278218691 (0xFF006FC3)
YUV	87.3870, 53.0532, -76.6384
Hunter-Lab	39.1267, 2.3994, -54.0845

Details

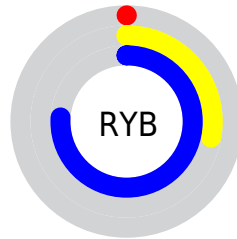
The Hex color **006FC3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C35400**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **60A2FC**, and **00408D** is the 20% darker color. If you saturate the color by 10%, you get **006FC3**, and if you desaturate by 10%, it is **1377C3**.

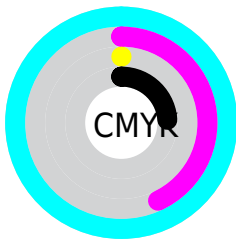
Distribution



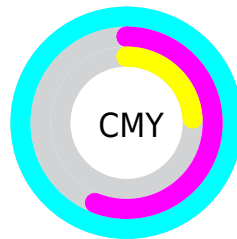
- Red (0%)
- Green (44%)
- Blue (76%)



- Red (0%)
- Yellow (28%)
- Blue (76%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 006FC3 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 006FC3 by changing the saturation by 10% instead.

 006FC3

 006FC3

FFFFFF

 0057A7

 60A2FC

 00408D

 7FBDFE

 002B73

 9ED9FF

 001859

 BCF5FF

 000741

 DBFFFF

 00032A

 F9FFFF

 000115

 000000

 006FC3

■ 1377C3

■ 2780C3

■ 3B88C3

■ 4E91C3

■ 6299C3

■ 75A1C3

■ 88AAC3

■ 9CB2C3

■ B0BBC3

Harmonies

Analogous

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



007BBC



006FC3



7A5DB3

Triad

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



006FC3



B54C3C



007F49

Complementary

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



006FC3



C35400

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.



4C7921



006FC3



9D5E19

Square

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



006FC3



BA4265



7A6E05



008176

Rectangle

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



006FC3



9C509D



7A6E05



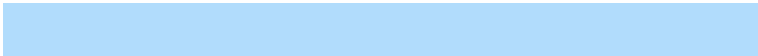
1A7D3B

Sweetspot

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



006FC3



B1DCFC



00C351



526C80



000000



808080

Same Dimension

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



006FC3



0090FC



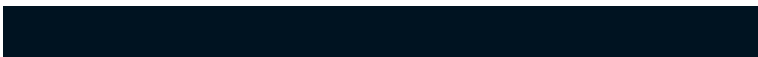
0010C3



575D61



005BA1



001321

Inverse Universe

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



C3006F



FC0090



C3B300



61575D



A1005B



210013

Previews

White Background



This preview shows how the Hex color 006FC3 looks on a white background.

Color Contrast Check

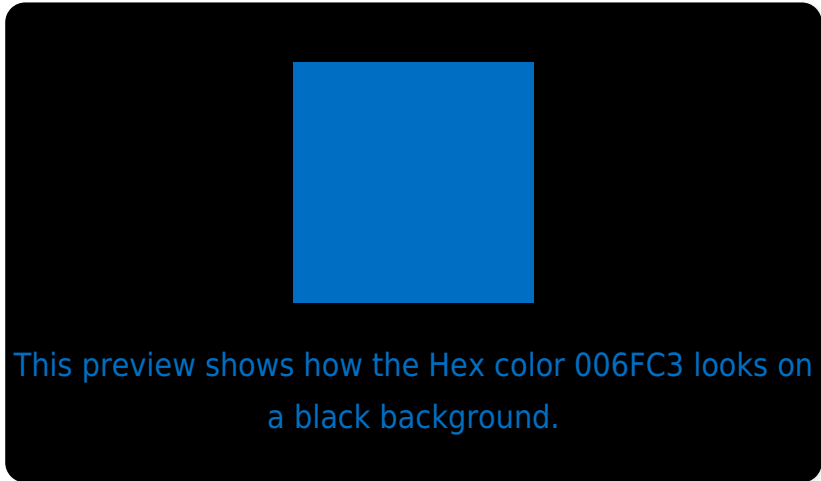
Large Text (above 18pt) WCAG AA ✓ Pass

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

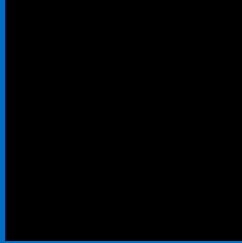
Any Text WCAG AA × Fail

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 006FC3 Background



This preview shows how black text looks on a background with the Hex color 006FC3.

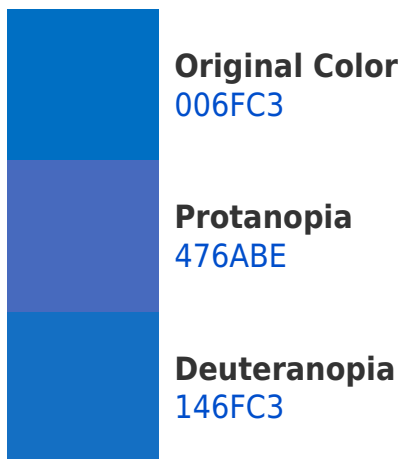


This preview shows how white text looks on a background with the Hex color 006FC3.

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](#).

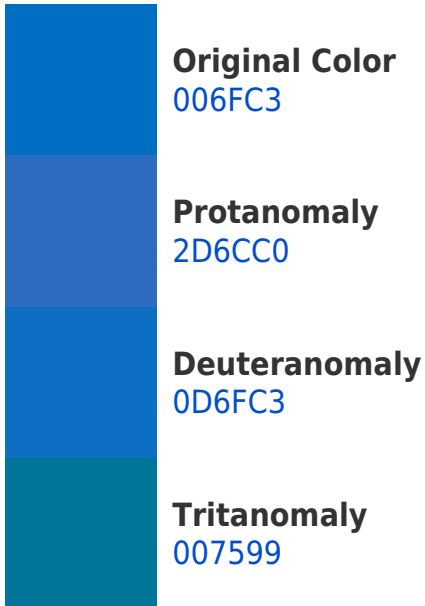
Dichromacy





Tritanopia
007981

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006FC3 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 #006FC3 looks like.

```
.text, #text, p{  
    color:#006FC3  
}
```

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 #006FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006FC3
}
```

Border

The CSS property to change the border of an element to Hex 006FC3 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
#006FC3 }
```

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

```
.border{ border-color:#006FC3 }
```

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

Here you see how a box with a 4 pixel #006FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006FC3; -webkit-box-shadow:4px 4px  
4px 4px #006FC3; box-shadow:4px 4px 4px  
4px #006FC3 }
```

Background

The CSS property to change the background color of an element to Hex 006FC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006FC3 }
```

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

```
.background{ background-color:#006FC3 }
```

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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