

# Converting Colors

Hex(065CFF)

Have a look what the booklet for  
Hex(065CFF) contains.

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**Color**

**Hex(065CFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	065CFF
RGB	6, 92, 255
RGB Percent	2%, 36%, 100%
CMY	0.9765, 0.6392, 0.0000
CMYK	0.98, 0.64, 0.00, 0.00
HSL	219°, 100%, 51%
HSV	219°, 98%, 100%
XYZ	21.9523, 14.9130, 96.3292
YIQ	84.8680, -103.5790, 32.4610

# Conversions

## Conversions Part 2

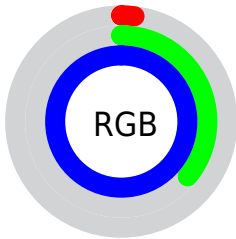
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	6, 70, 255
Decimal	417023
CIE Lab	45.51, 41.62, -85.94
CIE LCh	46, 95.487, 295.843
Yxy	14.9130, 0.1648, 0.1120
Android (android.graphics.Color)	4278607103 (0xFF065CFF)
YUV	84.8680, 83.8751, -69.1672
Hunter-Lab	38.6174, 33.8889, -120.8640

# Details

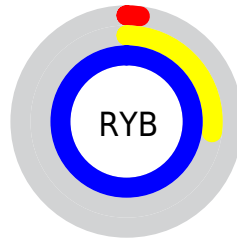
The Hex color **065CFF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFA906**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **748EFF**, and **0030C5** is the 20% darker color. If you saturate the color by 10%, you get **0058FF**, and if you desaturate by 10%, it is **206DFF**.

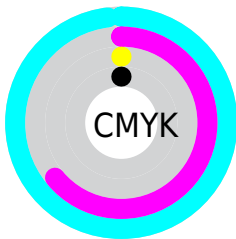
# Distribution



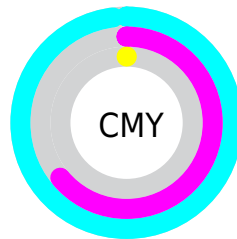
- Red (2%)
- Green (36%)
- Blue (100%)



- Red (2%)
- Yellow (27%)
- Blue (100%)



- Cyan (98%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (64%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 065CFF 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 065CFF by changing the saturation by 10% instead.



 065CFF

 065CFF

FFFFFF

 0045E2

 748EFF

 0030C5

 96A8FF

 001DA9

 B7C3FF


 000D8D

 D8DFFF

 000573

 F8FCFF

 000D59

 000741

 00032A

 000114

■ 065CFF

■ 065CFF

■ 0058FF

■ 206DFF

■ 397DFF

■ 538EFF

■ 6C9FFF

■ 86AFFF

■ 9FC0FF

■ B9D1FF

■ D2E2FF

■ ECF2FF

# Harmonies

## Analogous

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



007BFF



065CFF



BB08C7

# Triad

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



065CFF



C73900



00895E

# Complementary

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



065CFF



FFA906

# 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.



008500



065CFF



8D6500

# Square

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



065CFF



EA002D



3D7B00



008AB0

# Rectangle

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



065CFF



E10095



3D7B00



008841



# Sweetspot

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



065CFF



B5CFFF



06FFA8



536280



000000



808080



# Same Dimension

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



065CFF



0058FF



2B06FF



737780



0042BF



001640



# Inverse Universe

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



FF065C



FF0058



DAFF06



807377



BF0042



400016



# Previews

## White Background



This preview shows how the Hex color 065CFF looks on a white background.

## Color Contrast Check

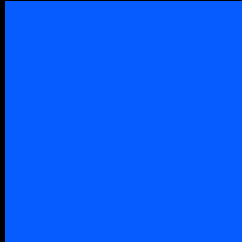
Large Text (above 18pt) WCAG AA ✓ Pass

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 065CFF 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

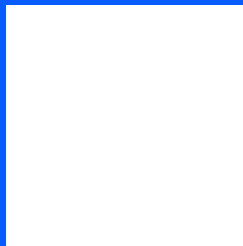
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 065CFF Background



This preview shows how black text looks on a background with the Hex color 065CFF.

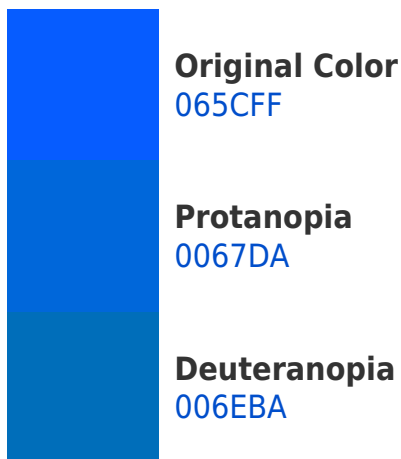


This preview shows how white text looks on a background with the Hex color 065CFF.

# 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](#).

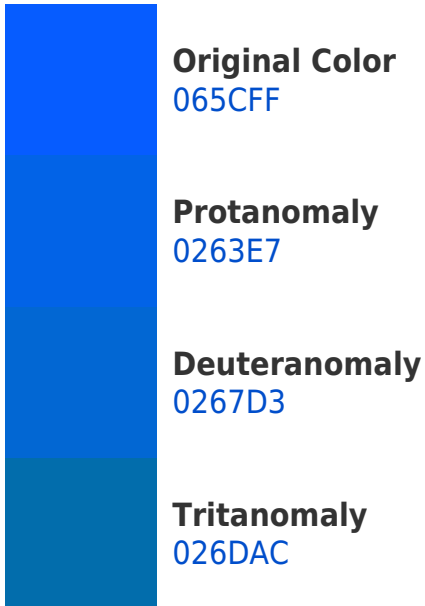
## Dichromacy





**Tritanopia**  
00777D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 065CFF 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 #065CFF looks like.

```
.text, #text, p{  
    color:#065CFF  
}
```

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 #065CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065CFF
}
```

## Border

The CSS property to change the border of an element to Hex 065CFF 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
#065CFF }
```

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

```
.border{ border-color:#065CFF }
```

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

Here you see how a box with a 4 pixel #065CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065CFF; -webkit-box-shadow:4px 4px  
4px 4px #065CFF; box-shadow:4px 4px 4px  
4px #065CFF }
```

# Background

The CSS property to change the background color of an element to Hex 065CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065CFF }
```

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

```
.background{ background-color:#065CFF }
```

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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