

# Converting Colors

Hex(0066F0)

Have a look what the booklet for  
Hex(0066F0) contains.

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# Color

**Hex(0066F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0066F0
RGB	0, 102, 240
RGB Percent	0%, 40%, 94%
CMY	1.0000, 0.6000, 0.0588
CMYK	1.00, 0.57, 0.00, 0.06
HSL	214°, 100%, 47%
HSV	214°, 100%, 94%
XYZ	20.4795, 15.7940, 84.4072
YIQ	87.2340, -105.0900, 21.2940

# Conversions

## Conversions Part 2

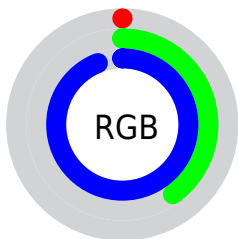
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 240
Decimal	26352
CIELab	46.70, 29.48, -75.62
CIELCh	47, 81.161, 291.300
Yxy	15.7940, 0.1697, 0.1309
Android (android.graphics.Color)	4278216432 (0xFF0066F0)
YUV	87.2340, 75.3136, -76.5042
Hunter-Lab	39.7417, 22.4361, -98.1067

# Details

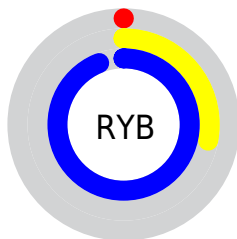
The Hex color **0066F0** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F08A00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6E98FF**, and **0039B7** is the 20% darker color. If you saturate the color by 10%, you get **0066F0**, and if you desaturate by 10%, it is **1874F0**.

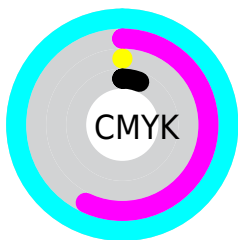
# Distribution



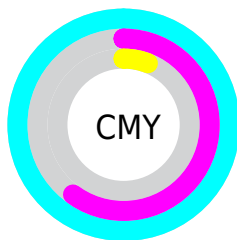
- Red (0%)
- Green (40%)
- Blue (94%)



- Red (0%)
- Yellow (28%)
- Blue (94%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (60%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0066F0 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 0066F0 by changing the saturation by 10% instead.



 0066F0

 0066F0

FFFFFF

 004FD3

 6E98FF

 0039B7

 8FB3FF

 00259B

 B0CEFF

 001480


 CFEAFF

 000566

 EFFFFFF

 000A4D

 000535

 00021F

 000002

 0066F0

 1874F0

 3082F0

 488FF0

 609DF0

 78ABF0

 90B9F0

 A8C7F0

 C0D4F0

 D8E2F0

# Harmonies

## Analogous

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



007EF8



0066F0



AA3CC5

# Triad

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



0066F0



C64100



008958

# Complementary

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



0066F0



F08A00

# 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.



008400



0066F0



986500

# Square

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



0066F0



E00042



597A00



008B9F

# Rectangle

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



0066F0



CF069C



597A00



00883F



# Sweetspot

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



0066F0



B3D3FF



00F088



526580



000000



808080



# Same Dimension

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



0066F0



006CFF



1000F0



6C7178



004EB8



001838



# Inverse Universe

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



F00066



FF006C



E0F000



786C71



B8004E



380018



# Previews

## White Background



This preview shows how the Hex color 0066F0 looks on a white background.

## Color Contrast Check

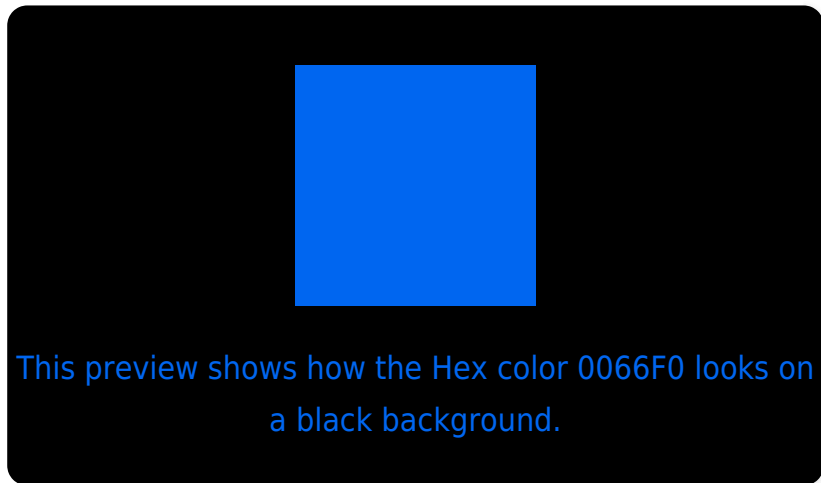
Large Text (above 18pt) WCAG AA ✓ Pass

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 0066F0 Background



This preview shows how black text looks on a background with the Hex color 0066F0.

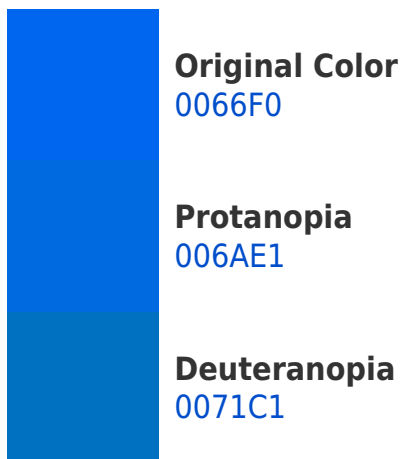


This preview shows how white text looks on a background with the Hex color 0066F0.

# 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



**Original Color**  
0066F0

**Protanomaly**  
0069E6

**Deuteranomaly**  
006DD2

**Tritanomaly**  
0073AA

# Monochromacy



**Original Color**  
0066F0

**Achromatopsia**  
575757

**Achromatomaly**  
375C8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0066F0 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 #0066F0 looks like.

```
.text, #text, p{  
    color:#0066F0  
}
```

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 #0066F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0066F0
}
```

## Border

The CSS property to change the border of an element to Hex 0066F0 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
#0066F0 }
```

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

```
.border{ border-color:#0066F0 }
```

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

Here you see how a box with a 4 pixel #0066F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0066F0; -webkit-box-shadow:4px 4px  
4px 4px #0066F0; box-shadow:4px 4px 4px  
4px #0066F0 }
```

# Background

The CSS property to change the background color of an element to Hex 0066F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0066F0 }
```

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

```
.background{ background-color:#0066F0 }
```

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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