

# Converting Colors

Hex(0080F4)

Have a look what the booklet for  
Hex(0080F4) contains.

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# Color

**Hex(0080F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0080F4
RGB	0, 128, 244
RGB Percent	0%, 50%, 96%
CMY	1.0000, 0.4980, 0.0431
CMYK	1.00, 0.48, 0.00, 0.04
HSL	209°, 100%, 48%
HSV	209°, 100%, 96%
XYZ	24.0483, 21.9700, 88.5611
YIQ	102.9520, -113.5240, 8.9400

# Conversions

## Conversions Part 2

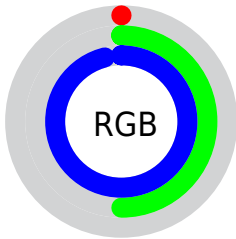
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 84, 244
Decimal	33012
CIE <sub>Lab</sub>	54.00, 14.54, -66.01
CIE <sub>LCh</sub>	54, 67.592, 282.421
Yxy	21.9700, 0.1787, 0.1632
Android (android.graphics.Color)	4278223092 (0xFF0080F4)
YUV	102.9520, 69.5367, -90.2889
Hunter-Lab	46.8722, 9.5552, -79.2131

# Details

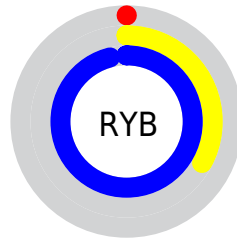
The Hex color **0080F4** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F47400**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6DB4FF**, and **0050BB** is the 20% darker color. If you saturate the color by 10%, you get **0080F4**, and if you desaturate by 10%, it is **188CF4**.

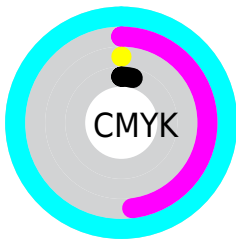
# Distribution



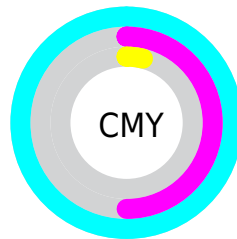
- Red (0%)
- Green (50%)
- Blue (96%)



- Red (0%)
- Yellow (33%)
- Blue (96%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)




- Cyan (100%)
- Magenta (50%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0080F4 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 0080F4 by changing the saturation by 10% instead.



 0080F4

 0080F4

FFFFFF

 0067D7

 6DB4FF

 0050BB

 8FCFFF

 003A9F

 AFEBFF

 002684

 CFFFFF

 00136A

 EFFFFF

 000B51


 000539

 000223

 00000A

 0080F4

 188CF4

 3197F4

 49A3F4

 62AEF4

 7ABAF4

 92C6F4

 ABD1F4

 C3DDF4

 DCE8F4

# Harmonies

## Analogous

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



0091F1



0080F4



A166D8

# Triad

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



0080F4



DA5734



00995C

# Complementary

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



0080F4



F47400

# 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.



41931E



0080F4



B77200

# Square

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



0080F4



E8416B



858600



009B99

# Rectangle

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



0080F4



CA52B8



858600



009848

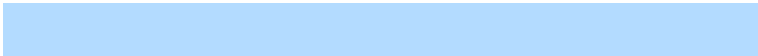


# Sweetspot

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



0080F4



B3DBFF



00F472



526A80



000000



808080



# Same Dimension

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



0080F4



0086FF



0008F4



6E757A



0062BA



001F3B



# Inverse Universe

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



F40080



FF0086



F4EC00



7A6E75



BA0062



3B001F



# Previews

## White Background



This preview shows how the Hex color 0080F4 looks on a white background.

## Color Contrast Check

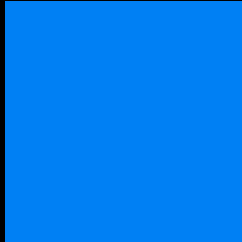
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0080F4 looks on a black 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

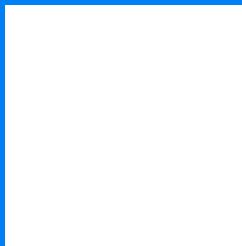
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0080F4 Background



This preview shows how black text looks on a background with the Hex color 0080F4.



This preview shows how white text looks on a background with the Hex color 0080F4.

# 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](#).

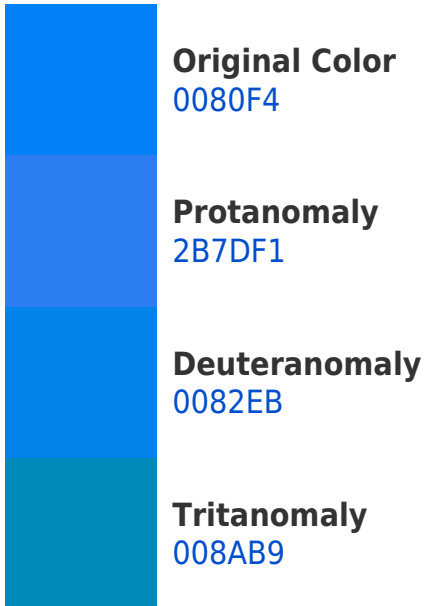
## Dichromacy





**Tritanopia**  
008F98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0080F4 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 #0080F4 looks like.

```
.text, #text, p{  
    color:#0080F4  
}
```

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 #0080F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0080F4
}
```

## Border

The CSS property to change the border of an element to Hex 0080F4 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
#0080F4 }
```

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

```
.border{ border-color:#0080F4 }
```

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

Here you see how a box with a 4 pixel #0080F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0080F4; -webkit-box-shadow:4px 4px  
4px 4px #0080F4; box-shadow:4px 4px 4px  
4px #0080F4 }
```

# Background

The CSS property to change the background color of an element to Hex 0080F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0080F4 }
```

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

```
.background{ background-color:#0080F4 }
```

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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