

# Converting Colors

Hex(0064FF)

Have a look what the booklet for  
Hex(0064FF) contains.

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**Color**

**Hex(0064FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0064FF
RGB	0, 100, 255
RGB Percent	0%, 39%, 100%
CMY	1.0000, 0.6078, 0.0000
CMYK	1.00, 0.61, 0.00, 0.00
HSL	216°, 100%, 50%
HSV	216°, 100%, 100%
XYZ	22.6072, 16.3343, 96.5691
YIQ	87.7700, -109.3550, 27.0050

# Conversions

## Conversions Part 2

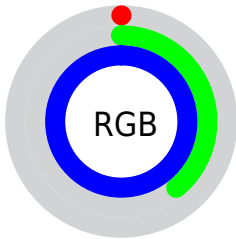
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 72, 255
Decimal	25855
CIE Lab	47.41, 36.47, -82.83
CIE LCh	47, 90.504, 293.767
Yxy	16.3343, 0.1668, 0.1205
Android (android.graphics.Color)	4278215935 (0xFF0064FF)
YUV	87.7700, 82.4444, -76.9743
Hunter-Lab	40.4158, 29.1191, -113.3759

# Details

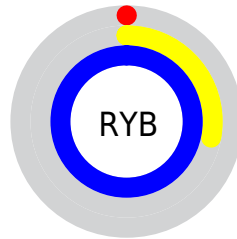
The Hex color **0064FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FF9B00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7296FF**, and **0037C5** is the 20% darker color. If you saturate the color by 10%, you get **0064FF**, and if you desaturate by 10%, it is **1974FF**.

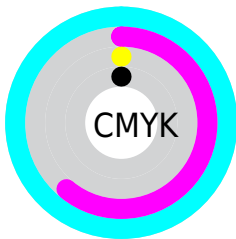
# Distribution



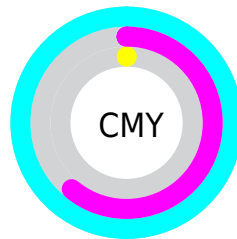
- Red (0%)
- Green (39%)
- Blue (100%)



- Red (0%)
- Yellow (28%)
- Blue (100%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0064FF 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 0064FF by changing the saturation by 10% instead.



 0064FF

 0064FF

FFFFFF

 004DE2

 7296FF

 0037C5

 95B1FF

 0023A9

 B6CCFF

 00148D

 D6E8FF

 000273

 F6FFFF

 000D59

 000741

 00032A

 000114

 0064FF

 1974FF

 3383FF

 4D93FF

 66A2FF

 80B2FF

 99C1FF

 B3D1FF

 CCE0FF

 E6F0FF

# Harmonies

## Analogous

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



0080FF



0064FF



B82CCC

# Triad

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



0064FF



CC3F00



008D5E

# Complementary

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



0064FF



FF9B00

# 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.



008800



0064FF



976800

# Square

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



0064FF



EC0039



4E7E00



008FAD

# Rectangle

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



0064FF



DF009D



4E7E00



008C42



# Sweetspot

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



0064FF



B3D1FF



00FF99



526480



000000



808080



# Same Dimension

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



0064FF



1900FF



737880



004BBF



001940

# Inverse Universe

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



FF0064



E6FF00



807378



BF004B



400019

# Previews

## White Background



This preview shows how the Hex color 0064FF looks on a white background.

## Color Contrast Check

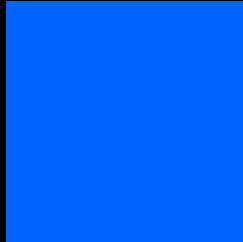
Large Text (above 18pt) WCAG AA ✓ Pass

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 0064FF 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 0064FF Background



This preview shows how black text looks on a background with the Hex color 0064FF.

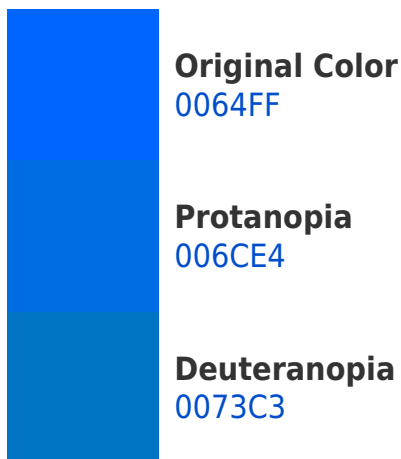


This preview shows how white text looks on a background with the Hex color 0064FF.

# 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

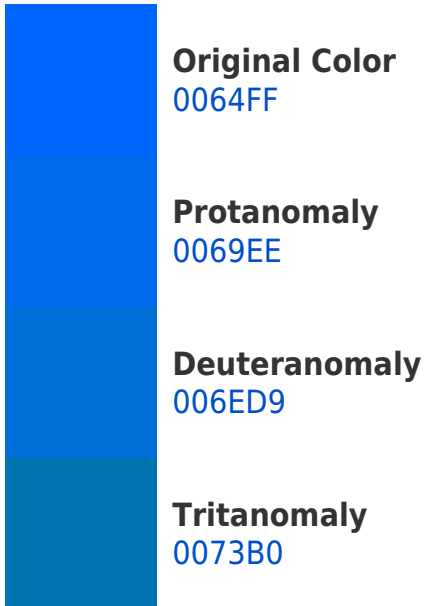






**Tritanopia**  
007C83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0064FF 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 #0064FF looks like.

```
.text, #text, p{  
    color:#0064FF  
}
```

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 #0064FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0064FF
}
```

## Border

The CSS property to change the border of an element to Hex 0064FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

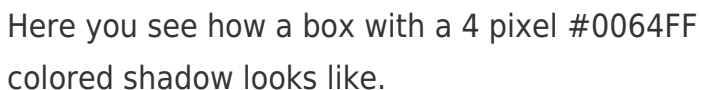
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0064FF }
```

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

```
.border{ border-color:#0064FF }
```

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



Here you see how a box with a 4 pixel #0064FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0064FF; -webkit-box-shadow:4px 4px  
4px 4px #0064FF; box-shadow:4px 4px 4px  
4px #0064FF }
```

# Background

The CSS property to change the background color of an element to Hex 0064FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0064FF }
```

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

```
.background{ background-color:#0064FF }
```

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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