

# Converting Colors

Hex(0575FA)

Have a look what the booklet for  
Hex(0575FA) contains.

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# Color

**Hex(0575FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0575FA
RGB	5, 117, 250
RGB Percent	2%, 46%, 98%
CMY	0.9804, 0.5412, 0.0196
CMYK	0.98, 0.53, 0.00, 0.02
HSL	213°, 96%, 50%
HSV	213°, 98%, 98%
XYZ	23.6792, 19.6570, 92.9886
YIQ	98.6740, -109.4450, 17.6190

# Conversions

## Conversions Part 2

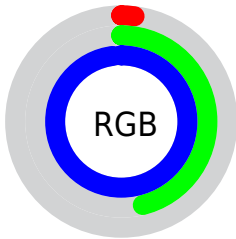
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 82, 250
Decimal	357882
CIELab	51.45, 23.89, -73.46
CIELCh	51, 77.252, 288.017
Yxy	19.6570, 0.1737, 0.1442
Android (android.graphics.Color)	4278547962 (0xFF0575FA)
YUV	98.6740, 74.6037, -82.1521
Hunter-Lab	44.3362, 17.7455, -93.3167

# Details

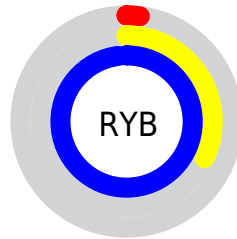
The Hex color **0575FA** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FA8A05**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **70A8FF**, and **0046C0** is the 20% darker color. If you saturate the color by 10%, you get **0072FA**, and if you desaturate by 10%, it is **1E83FA**.

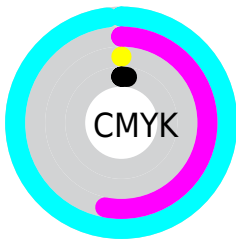
# Distribution



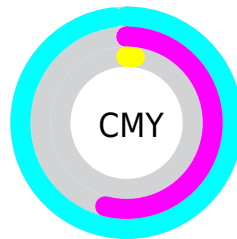
- Red (2%)
- Green (46%)
- Blue (98%)



- Red (2%)
- Yellow (32%)
- Blue (98%)



- Cyan (98%)
- Magenta (53%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (54%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0575FA 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 0575FA by changing the saturation by 10% instead.



 0575FA

 0575FA

FFFFFF

 005DDD

 70A8FF

 0046C0

 92C3FF

 0031A5

 B3DFFF

 001F89

 D3FBFF

 00076F

 F3FFFF

 000C56

 00063D

 000327

 000110

■ 0575FA

■ 0575FA

■ 0072FA

■ 1E83FA

■ 3790FA

■ 509EFA

■ 69ABFA

■ 82B9FA

■ 9BC6FA

■ B4D4FA

■ CDE2FA

■ E6EFFA

# Harmonies

## Analogous

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



008AFD



0575FA



AD52D4

# Triad

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



0575FA



D64D12



00955D

# Complementary

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



0575FA



FA8A05

# 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.



008F0D



0575FA



AA6E00

# Square

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



0575FA



EB2456



708400



0097A2

# Rectangle

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



0575FA



D535AD



708400



009445

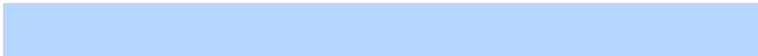


# Sweetspot

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



0575FA



B5D7FF



05FA88



536780



000000



808080



# Same Dimension

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



0575FA



0075FF



0D05FA



70767D



0056BD



001C3D



# Inverse Universe

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



FA0575



FF0075



F2FA05



7D7076



BD0056



3D001C



# Previews

## White Background



This preview shows how the Hex color 0575FA looks on a white background.

## Color Contrast Check

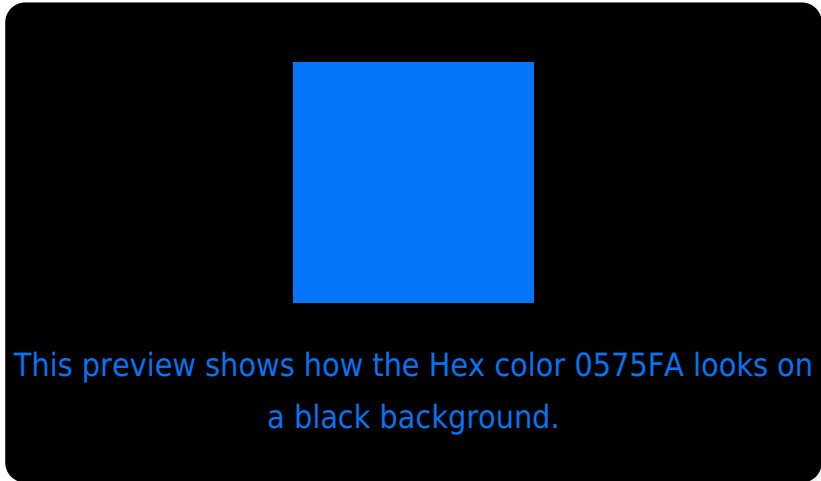
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

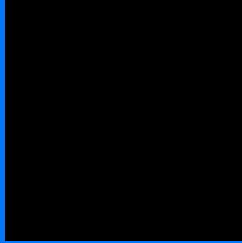
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

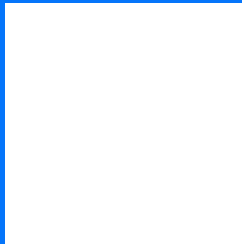
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0575FA Background



This preview shows how black text looks on a background with the Hex color 0575FA.



This preview shows how white text looks on a background with the Hex color 0575FA.

# 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](#).

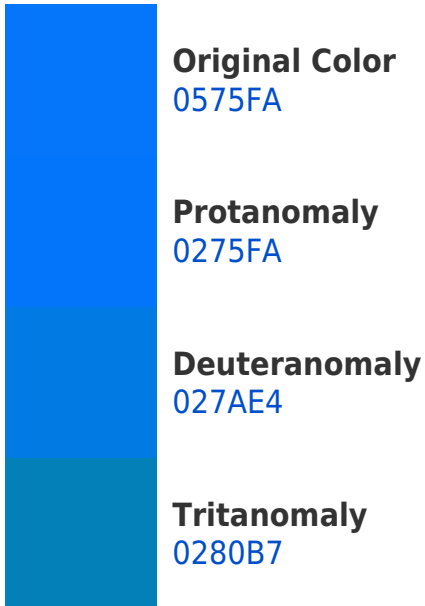
## Dichromacy



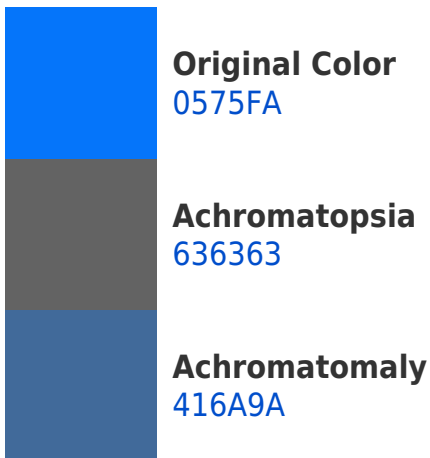


**Tritanopia**  
008790

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0575FA 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 #0575FA looks like.

```
.text, #text, p{  
    color:#0575FA  
}
```

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 #0575FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0575FA
}
```

## Border

The CSS property to change the border of an element to Hex 0575FA 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
#0575FA }
```

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

```
.border{ border-color:#0575FA }
```

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

Here you see how a box with a 4 pixel #0575FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0575FA; -webkit-box-shadow:4px 4px  
4px 4px #0575FA; box-shadow:4px 4px 4px  
4px #0575FA }
```

# Background

The CSS property to change the background color of an element to Hex 0575FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0575FA }
```

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

```
.background{ background-color:#0575FA }
```

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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