

# Converting Colors

Hex(0057F7)

Have a look what the booklet for  
Hex(0057F7) contains.

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# Color

**Hex(0057F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0057F7
RGB	0, 87, 247
RGB Percent	0%, 34%, 97%
CMY	1.0000, 0.6588, 0.0314
CMYK	1.00, 0.65, 0.00, 0.03
HSL	219°, 100%, 48%
HSV	219°, 100%, 97%
XYZ	20.1967, 13.5318, 89.5431
YIQ	79.2270, -103.2120, 31.3160

# Conversions

## Conversions Part 2

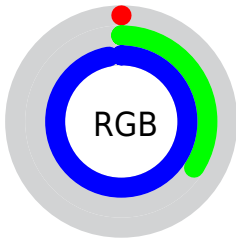
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 64, 247
Decimal	22519
CIE Lab	43.55, 41.67, -84.70
CIE LCh	44, 94.395, 296.196
Yxy	13.5318, 0.1638, 0.1098
Android (android.graphics.Color)	4278212599 (0xFF0057F7)
YUV	79.2270, 82.7121, -69.4821
Hunter-Lab	36.7856, 33.6286, -118.5732

# Details

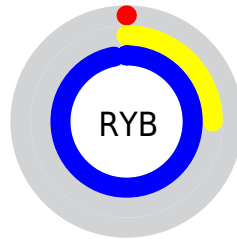
The Hex color **0057F7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **F7A000**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7188FF**, and **002BBD** is the 20% darker color. If you saturate the color by 10%, you get **0057F7**, and if you desaturate by 10%, it is **1967F7**.

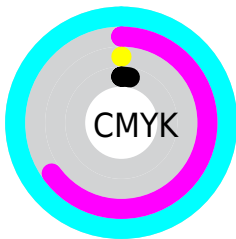
# Distribution



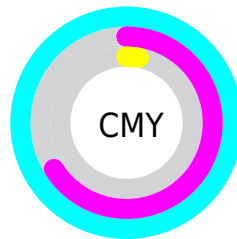
- Red (0%)
- Green (34%)
- Blue (97%)



- Red (0%)
- Yellow (25%)
- Blue (97%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (66%)
- Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0057F7 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 0057F7 by changing the saturation by 10% instead.



 0057F7

 0057F7

FFFFFF

 0040DA

 7188FF

 002BBB

 93A3FF

 0019A1

 B4BEFF

 000786

 D4D9FF

 00086C

 F4F6FF

 000B52


 00063A

 000224

 00000B

 0057F7

 1967F7

 3177F7

 4A87F7

 6397F7

 7CA7F7

 94B7F7

 ADC7F7

 C6D7F7

 DEE7F7

# Harmonies

## Analogous

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



0076FF



0057F7



B600C0

# Triad

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



0057F7



BF3500



00835A

# Complementary

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



0057F7



F7A000

# 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.



007F00



0057F7



866100

# Square

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



0057F7



E20029



367600



0085AB

# Rectangle

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



0057F7



DA008F



367600



00823E



# Sweetspot

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



0057F7



B3CDFF



00F79C



526280



000000



808080



# Same Dimension

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



0057F7



005AFF



2100F7



6E727A



0042BA



00153B



# Inverse Universe

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



F70057



FF005A



D6F700



7A6E72



BA0042



3B0015



# Previews

## White Background



This preview shows how the Hex color 0057F7 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

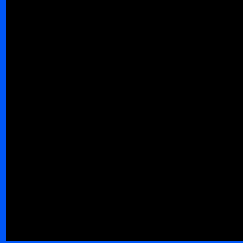
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0057F7 Background



This preview shows how black text looks on a background with the Hex color 0057F7.

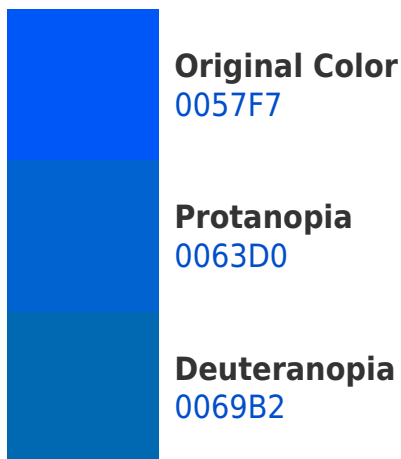


This preview shows how white text looks on a background with the Hex color 0057F7.

# 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





# Trichromacy



**Original Color**  
0057F7

**Protanomaly**  
005FDE

**Deuteranomaly**  
0062CB

**Tritanomaly**  
0068A6

# Monochromacy



**Original Color**  
0057F7

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
32528C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0057F7 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 #0057F7 looks like.

```
.text, #text, p{  
    color:#0057F7  
}
```

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 #0057F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0057F7
}
```

## Border

The CSS property to change the border of an element to Hex 0057F7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

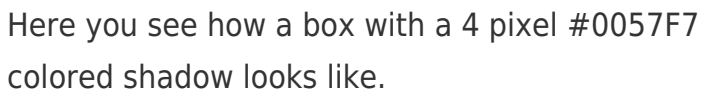
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0057F7 }
```

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

```
.border{ border-color:#0057F7 }
```

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



Here you see how a box with a 4 pixel #0057F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0057F7; -webkit-box-shadow:4px 4px  
4px 4px #0057F7; box-shadow:4px 4px 4px  
4px #0057F7 }
```

# Background

The CSS property to change the background color of an element to Hex 0057F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0057F7 }
```

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

```
.background{ background-color:#0057F7 }
```

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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