

Converting Colors

Hex(0057FF)

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

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Color

Hex(0057FF)

Conversions

Conversions Part 1

Format	Color
Hex	0057FF
RGB	0, 87, 255
RGB Percent	0%, 34%, 100%
CMY	1.0000, 0.6588, 0.0000
CMYK	1.00, 0.66, 0.00, 0.00
HSL	220°, 100%, 50%
HSV	220°, 100%, 100%
XYZ	21.4582, 14.0364, 96.1861
YIQ	80.1390, -105.7800, 33.8040

Conversions

Conversions Part 2

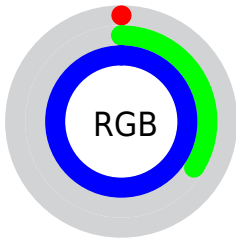
Format	Color
R _{YB}	0, 65, 255
Decimal	22527
CIE _{Lab}	44.29, 44.60, -87.96
CIE _{LCh}	44, 98.626, 296.889
Yxy	14.0364, 0.1630, 0.1066
Android (android.graphics.Color)	4278212607 (0xFF0057FF)
YUV	80.1390, 86.2065, -70.2819
Hunter-Lab	37.4652, 36.6719, -125.9923

Details

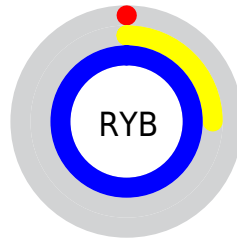
The Hex color **0057FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFA800**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7389FF**, and **002BC5** is the 20% darker color. If you saturate the color by 10%, you get **0057FF**, and if you desaturate by 10%, it is **1968FF**.

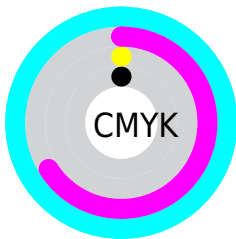
Distribution



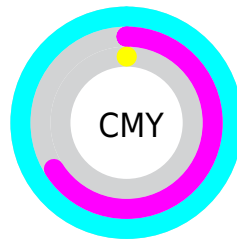
- Red (0%)
- Green (34%)
- Blue (100%)



- Red (0%)
- Yellow (25%)
- Blue (100%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 0057FF

 0057FF

FFFFFF

 0040E2

 7389FF

 002BC5

 96A3FF

 0018A9

 B7BEFF

 00088D

 D8DAFF

 000673

 F8F6FF

 000D59

 000740

 000329

 000114

 0057FF

 1968FF

 3379FF

 4D89FF

 669AFF

 80ABFF

 99BCFF

 B3CDFF

 CCDDFF

 E6EEFF

Harmonies

Analogous

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



0078FF



0057FF



BD00C4

Triad

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



0057FF



C33500



00865E

Complementary

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



0057FF



FFA800

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.



008200



0057FF



876300

Square

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



0057FF



E80026



307900



0088B2

Rectangle

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



0057FF



E20090



307900



008540

Sweetspot

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



0057FF



B3CDFF



00FFA6



526180



000000



808080

Same Dimension

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



0057FF



2600FF



737780



0041BF



001640

Inverse Universe

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



FF0057



D9FF00



807377



BF0041



400016

Previews

White Background



This preview shows how the Hex color 0057FF looks on a white background.

Color Contrast Check

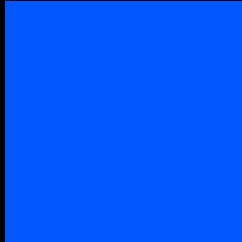
Large Text (above 18pt) WCAG AA ✓ Pass

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 0057FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

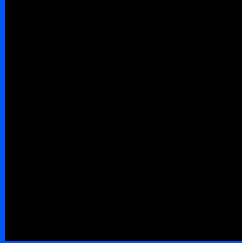
Any Text WCAG AA × Fail

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 0057FF Background



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

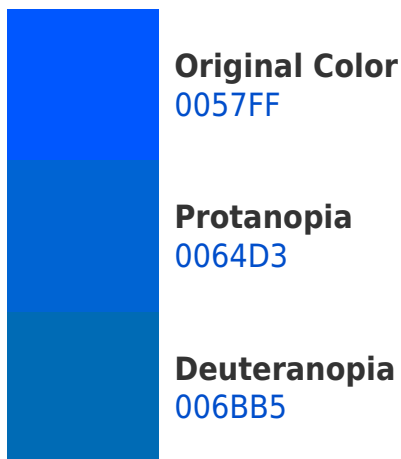


This preview shows how white text looks on a background with the Hex color 0057FF.

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](#).

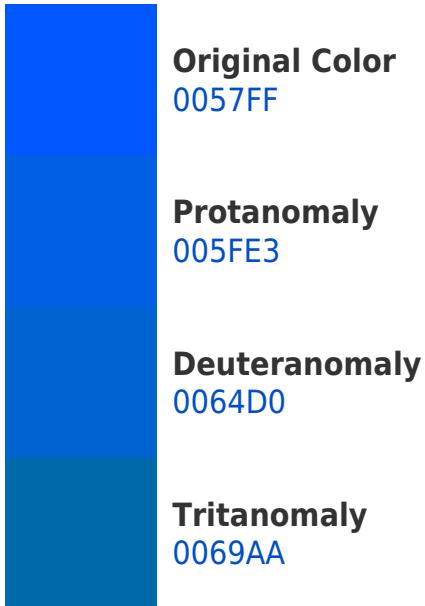
Dichromacy





Tritanopia
00737A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0057FF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 0057FF 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".

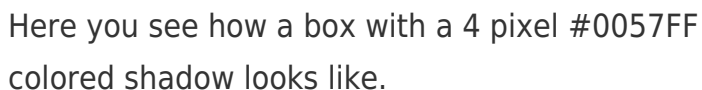
```
.border, #border, table{ border:4px solid  
#0057FF }
```

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

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

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

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border on the top, bottom, and left sides. The right side of the box is open, showing a blue shadow that extends to the right and slightly downwards.

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

Background

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

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

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

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

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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