

Converting Colors

Hex(0059FD)

Have a look what the booklet for
Hex(0059FD) contains.

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Color

Hex(0059FD)

Conversions

Conversions Part 1

Format	Color
Hex	0059FD
RGB	0, 89, 253
RGB Percent	0%, 35%, 99%
CMY	1.0000, 0.6510, 0.0078
CMYK	1.00, 0.65, 0.00, 0.01
HSL	219°, 100%, 50%
HSV	219°, 100%, 99%
XYZ	21.3020, 14.2366, 94.5537
YIQ	81.0850, -105.6880, 32.1360

Conversions

Conversions Part 2

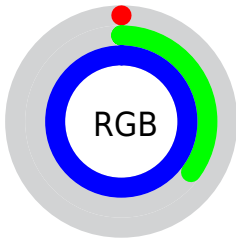
Format	Color
R _Y B	0, 66, 253
Decimal	23037
CIE Lab	44.57, 42.63, -86.38
CIE LCh	45, 96.328, 296.270
Yxy	14.2366, 0.1637, 0.1094
Android (android.graphics.Color)	4278213117 (0xFF0059FD)
YUV	81.0850, 84.7541, -71.1115
Hunter-Lab	37.7314, 34.7456, -122.1668

Details

The Hex color **0059FD** 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 **FDA400**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **728BFF**, and **002DC3** is the 20% darker color. If you saturate the color by 10%, you get **0059FD**, and if you desaturate by 10%, it is **1969FD**.

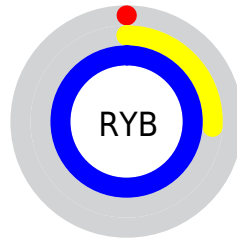
Distribution



Red (0%)

Green (35%)

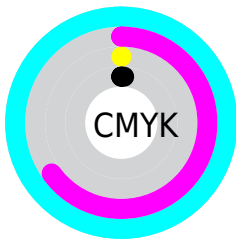
Blue (99%)



Red (0%)

Yellow (26%)

Blue (99%)

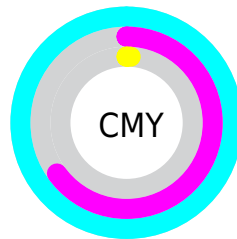


Cyan (100%)

Magenta (65%)

Yellow (0%)

Black (1%)



Cyan (100%)

Magenta (65%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0059FD 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 0059FD by changing the saturation by 10% instead.

 0059FD

 0059FD

FFFFFF

 0042E0

 728BFF

 002DC3

 95A5FF

 001AA7

 B6C0FF

 000A8B

 D6DCFF

 000671

 F7F8FF

 000C57

 00063F

 000328

 000112

 0059FD

 1969FD

 337AFD

 4C8AFD

 659BFD

 7FABFD

 98BBFD

 B1CCFD

 CADCFD

 E4EDFD

Harmonies

Analogous

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



0079FF



0059FD



BA00C4

Triad

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



0059FD



C33700



00865D

Complementary

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



0059FD



FDA400

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



0059FD



896400

Square

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



0059FD



E7002A



377900



0088AF

Rectangle

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



0059FD



DF0092



377900



008540

Sweetspot

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



0059FD



B3CDFF



00FDA0



526280



000000



808080

Same Dimension

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



0059FD



005AFF



2200FD



737780



0043BF



001640

Inverse Universe

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



FD0059



FF005A



DBFD00



807377



BF0043



400016

Previews

White Background



This preview shows how the Hex color 0059FD looks on a white background.

Color Contrast Check

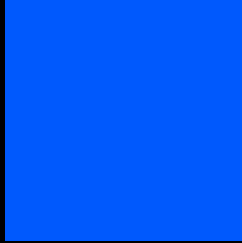
Large Text (above 18pt) WCAG AA ✓ Pass

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 0059FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

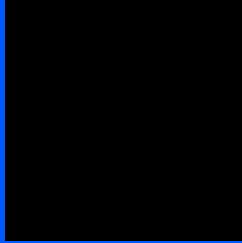
Any Text WCAG AA × Fail

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 0059FD Background



This preview shows how black text looks on a background with the Hex color 0059FD.

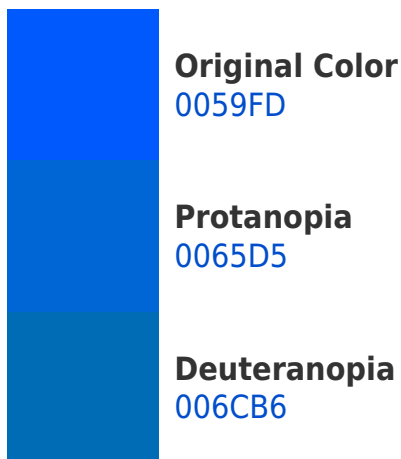


This preview shows how white text looks on a background with the Hex color 0059FD.

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
00747B

Trichromacy



Original Color
0059FD

Protanomaly
0061E4

Deuteranomaly
0065D0

Tritanomaly
006AAA

Monochromacy



Original Color
0059FD

Achromatopsia
515151

Achromatomaly
345490

CSS Examples

Text

The CSS property to change the color of the text to Hex 0059FD 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 #0059FD looks like.

```
.text, #text, p{  
    color:#0059FD  
}
```

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 #0059FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0059FD
}
```

Border

The CSS property to change the border of an element to Hex 0059FD 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
#0059FD }
```

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

```
.border{ border-color:#0059FD }
```

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

Here you see how a box with a 4 pixel #0059FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0059FD; -webkit-box-shadow:4px 4px  
4px 4px #0059FD; box-shadow:4px 4px 4px  
4px #0059FD }
```

Background

The CSS property to change the background color of an element to Hex 0059FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0059FD }
```

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

```
.background{ background-color:#0059FD }
```

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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