

# Converting Colors

Hex(0059FF)

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

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# Color

**Hex(0059FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0059FF
RGB	0, 89, 255
RGB Percent	0%, 35%, 100%
CMY	1.0000, 0.6510, 0.0000
CMYK	1.00, 0.65, 0.00, 0.00
HSL	219°, 100%, 50%
HSV	219°, 100%, 100%
XYZ	21.6224, 14.3648, 96.2408
YIQ	81.3130, -106.3300, 32.7580

# Conversions

## Conversions Part 2

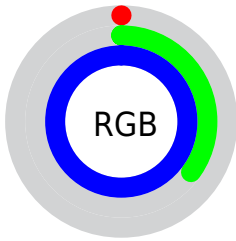
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 66, 255
Decimal	23039
CIE Lab	44.75, 43.37, -87.19
CIE LCh	45, 97.385, 296.444
Yxy	14.3648, 0.1635, 0.1086
Android (android.graphics.Color)	4278213119 (0xFF0059FF)
YUV	81.3130, 85.6277, -71.3115
Hunter-Lab	37.9009, 35.5074, -124.0231

# Details

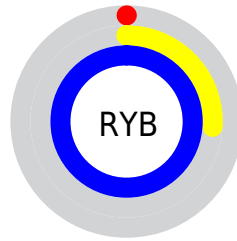
The Hex color **0059FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFA600**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **738BFF**, and **002DC5** is the 20% darker color. If you saturate the color by 10%, you get **0059FF**, and if you desaturate by 10%, it is **196AFF**.

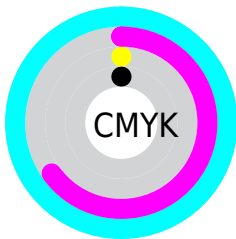
# Distribution



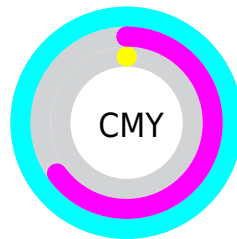
- Red (0%)
- Green (35%)
- Blue (100%)



- Red (0%)
- Yellow (26%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

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



 0059FF

 0059FF

FFFFFF

 0042E2

 738BFF

 002DC5

 96A5FF

 001AA9

 B7C0FF

 000A8D

 D7DCFF

 000673

 F7F8FF

 000D59

 000740

 00032A

 000114

 0059FF

 196AFF

 337AFF

 4D8BFF

 669BFF

 80ACFF

 99BDFF

 B3CDFF

 CCDEFF

 E6EEFF

# Harmonies

## Analogous

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



0079FF



0059FF



BC00C5

# Triad

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



0059FF



C43700



00875E

# Complementary

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



0059FF



FFA600

# 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.



008300



0059FF



8A6400

# Square

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



0059FF



E90029



357900



0089B1

# Rectangle

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



0059FF



E10092



357900



008640



# Sweetspot

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



0059FF



B3CDFF



00FFA6



526280



000000



808080



# Same Dimension

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



0059FF



2600FF



737780



0043BF



001640

# Inverse Universe

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



FF0059



D9FF00



807377



BF0043



400016

# Previews

## White Background



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

## Color Contrast Check

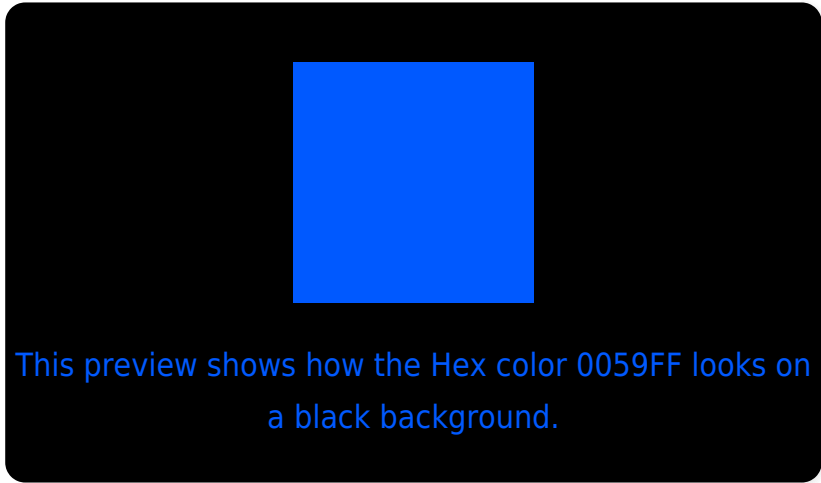
Large Text (above 18pt) WCAG AA ✓ Pass

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 0059FF Background



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



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

# 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**  
00757B

# Trichromacy



**Original Color**  
0059FF

**Protanomaly**  
0061E5

**Deuteranomaly**  
0065D1

**Tritanomaly**  
006BAB

# Monochromacy



**Original Color**  
0059FF

**Achromatopsia**  
515151

**Achromatomaly**  
345490

# CSS Examples

## Text

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

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

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 #0059FF colored shadow looks like.

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

## Border

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

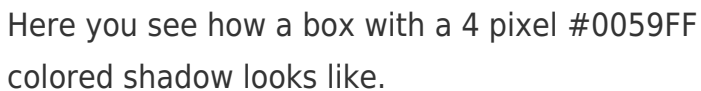
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0059FF }
```

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

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

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



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

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

# Background

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

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

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

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

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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