

# Converting Colors

Hex(054FCD)

Have a look what the booklet for  
Hex(054FCD) contains.

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# Color

**Hex(054FCD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	054FCD
RGB	5, 79, 205
RGB Percent	2%, 31%, 80%
CMY	0.9804, 0.6902, 0.1961
CMYK	0.98, 0.61, 0.00, 0.20
HSL	218°, 95%, 41%
HSV	218°, 98%, 80%
XYZ	13.8780, 10.0320, 58.9625
YIQ	71.2380, -84.5500, 23.4980

# Conversions

## Conversions Part 2

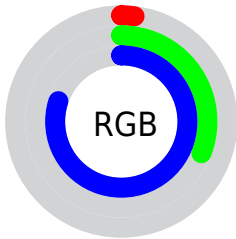
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 59, 205
Decimal	348109
CIE Lab	37.90, 30.96, -70.09
CIE LCh	38, 76.622, 293.834
Yxy	10.0320, 0.1675, 0.1211
Android (android.graphics.Color)	4278538189 (0xFF054FCD)
YUV	71.2380, 65.9447, -58.0907
Hunter-Lab	31.6733, 22.7833, -88.2019

# Details

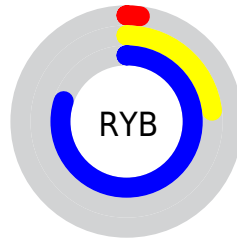
The Hex color **054FCD** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **CD8305**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **667FFF**, and **002495** is the 20% darker color. If you saturate the color by 10%, you get **004CCD**, and if you desaturate by 10%, it is **1A5CCD**.

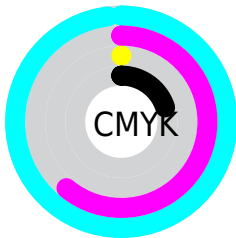
# Distribution



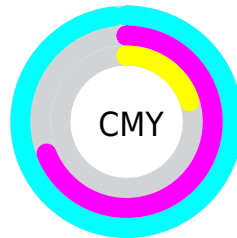
- Red (2%)
- Green (31%)
- Blue (80%)



- Red (2%)
- Yellow (23%)
- Blue (80%)



- Cyan (98%)
- Magenta (61%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (69%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 054FCD 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 054FCD by changing the saturation by 10% instead.



■ 054FCD

■ 054FCD

FFFFFF

■ 0039B1

■ 667FFF

■ 002495

■ 8699FF

■ 00137B

■ A5B4FF

■ 000061

■ C4CFFF

■ 000848

■ E2ECFF

■ 000431

■ 00011B

■ 000000

■ 054FCD

■ 054FCD

004CCD

1A5CCD

2E69CD

4276CD

5783CD

6C90CD

809CCD

95A9CD

A9B6CD

BEC3CD

# Harmonies

## Analogous

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



0066D7



054FCD



9421A4

# Triad

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



054FCD



A43100



00704A

# Complementary

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



054FCD



CD8305

# 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.



006D00



054FCD



785300

# Square

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



054FCD



BD002C



3D6400



00728A

# Rectangle

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



054FCD



B3007D



3D6400



007034



# Sweetspot

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



054FCD



B5D0FF



05CD80



536380



000000



808080



# Same Dimension

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



054FCD



005EFF



1C05CD



5C6066



003DA6



000E26



# Inverse Universe

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



CD054F



FF005E



B6CD05



665C60



A6003D



26000E



# Previews

## White Background



This preview shows how the Hex color 054FCD looks on a white background.

## Color Contrast Check

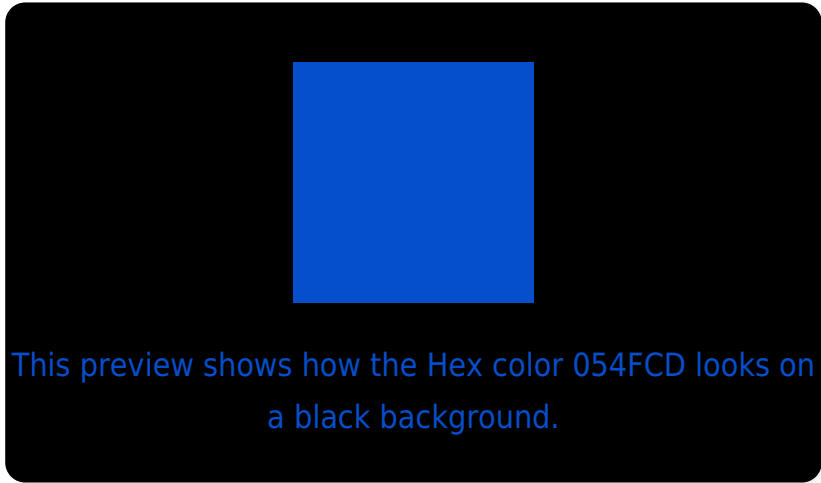
Large Text (above 18pt) WCAG AA ✓ Pass

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

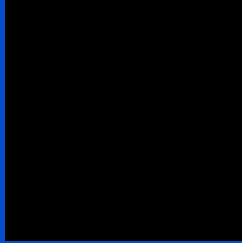
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 054FCD Background



This preview shows how black text looks on a background with the Hex color 054FCD.

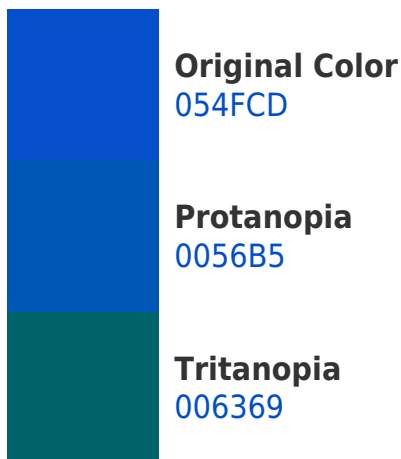


This preview shows how white text looks on a background with the Hex color 054FCD.

# 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**  
054FCD

**Protanomaly**  
0253BE

**Tritanomaly**  
025C8D

# Monochromacy



**Original Color**  
054FCD

**Achromatopsia**  
474747

**Achromatomaly**  
2F4A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 054FCD 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 #054FCD looks like.

```
.text, #text, p{  
    color:#054FCD  
}
```

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 #054FCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054FCD
}
```

## Border

The CSS property to change the border of an element to Hex 054FCD is called "border". The border property can be set on classes, ids or directly on the HTML element.

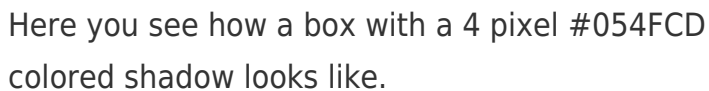
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#054FCD }
```

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

```
.border{ border-color:#054FCD }
```

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



Here you see how a box with a 4 pixel #054FCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054FCD; -webkit-box-shadow:4px 4px  
4px 4px #054FCD; box-shadow:4px 4px 4px  
4px #054FCD }
```

# Background

The CSS property to change the background color of an element to Hex 054FCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054FCD }
```

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

```
.background{ background-color:#054FCD }
```

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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