

Converting Colors

Hex(055CEF)

Have a look what the booklet for
Hex(055CEF) contains.

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Color

Hex(055CEF)

Conversions

Conversions Part 1

Format	Color
Hex	055CEF
RGB	5, 92, 239
RGB Percent	2%, 36%, 94%
CMY	0.9804, 0.6392, 0.0627
CMYK	0.98, 0.62, 0.00, 0.06
HSL	218°, 96%, 48%
HSV	218°, 98%, 94%
XYZ	19.4697, 13.9186, 83.3217
YIQ	82.7450, -99.0390, 27.2730

Conversions

Conversions Part 2

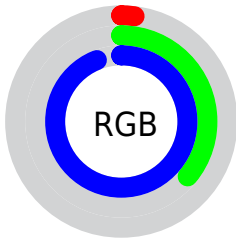
Format	Color
R _Y B	5, 68, 239
Decimal	351471
CIE Lab	44.12, 35.62, -79.29
CIE LCh	44, 86.922, 294.194
Yxy	13.9186, 0.1668, 0.1193
Android (android.graphics.Color)	4278541551 (0xFF055CEF)
YUV	82.7450, 77.0337, -68.1824
Hunter-Lab	37.3076, 27.8656, -106.3014

Details

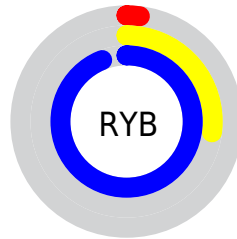
The Hex color **055CEF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **EF9805**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6F8EFF**, and **0030B6** is the 20% darker color. If you saturate the color by 10%, you get **0059EF**, and if you desaturate by 10%, it is **1D6BEF**.

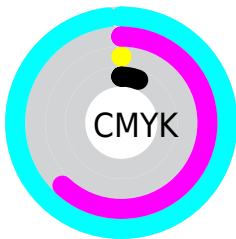
Distribution



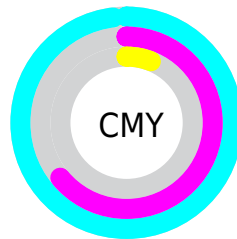
- Red (2%)
- Green (36%)
- Blue (94%)



- Red (2%)
- Yellow (27%)
- Blue (94%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (6%)



- Cyan (98%)
- Magenta (64%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 055CEF 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 055CEF by changing the saturation by 10% instead.

 055CEF


 055CEF

FFFFFF

 0045D2

 6F8EFF

 0030B6

 91A8FF

 001D9A

 B1C3FF

 000B7F

 D1DFFF

 000965

 F0FBFF

 00094C

 000434

 00021E

 000000

■ 055CEF

■ 055CEF

■ 0059EF

■ 1D6BEF

■ 357AEF

■ 4D89EF

■ 6598EF

■ 7CA7EF

■ 94B6EF

■ ACC5EF

■ C4D4EF

■ DCE3EF

Harmonies

Analogous

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



0077FB



055CEF



AD25BE

Triad

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



055CEF



BF3A00



008358

Complementary

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



055CEF



EF9805

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



055CEF



8B6100

Square

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



055CEF



DD0033



467500



0085A2

Rectangle

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



055CEF



D10092



467500



00823E

Sweetspot

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



055CEF



B5D1FF



05EF95



536380



000000



808080

Same Dimension

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



055CEF



005FFF



2005EF



6C7078



0044B8



001538

Inverse Universe

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



EF055C



FF005F



D4EF05



786C70



B80044



380015

Previews

White Background



This preview shows how the Hex color 055CEF looks on a white background.

Color Contrast Check

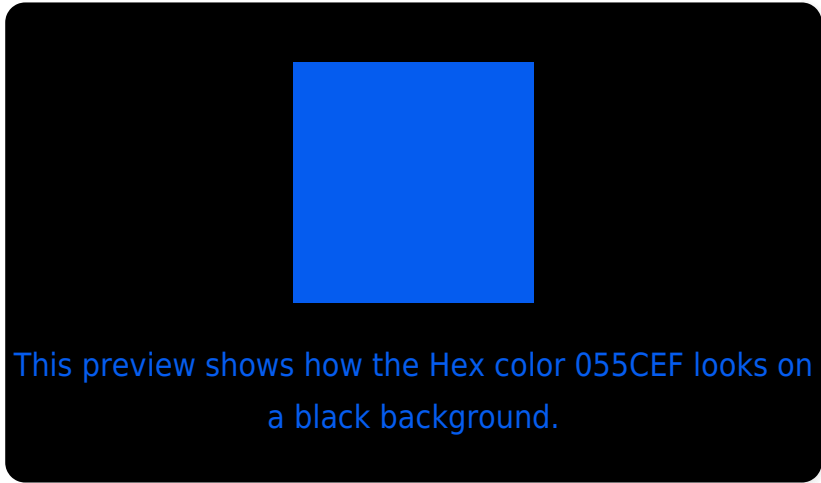
Large Text (above 18pt) WCAG AA ✓ Pass

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

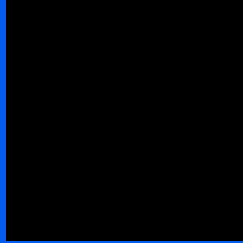
Any Text WCAG AA × Fail

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 055CEF Background



This preview shows how black text looks on a background with the Hex color 055CEF.

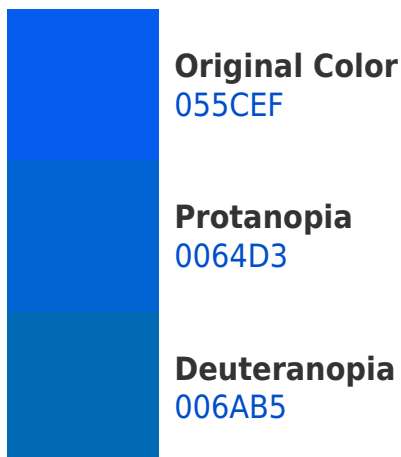


This preview shows how white text looks on a background with the Hex color 055CEF.

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](#).

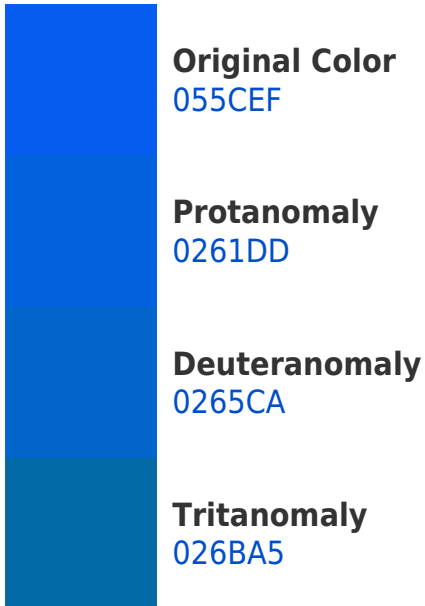
Dichromacy





Tritanopia
00737A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 055CEF 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 #055CEF looks like.

```
.text, #text, p{  
    color:#055CEF  
}
```

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 #055CEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #055CEF
}
```

Border

The CSS property to change the border of an element to Hex 055CEF 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
#055CEF }
```

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

```
.border{ border-color:#055CEF }
```

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

Here you see how a box with a 4 pixel #055CEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #055CEF; -webkit-box-shadow:4px 4px  
4px 4px #055CEF; box-shadow:4px 4px 4px  
4px #055CEF }
```

Background

The CSS property to change the background color of an element to Hex 055CEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#055CEF }
```

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

```
.background{ background-color:#055CEF }
```

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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