

Converting Colors

Hex(0065EF)

Have a look what the booklet for
Hex(0065EF) contains.

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Color

Hex(0065EF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0065EF |
| RGB | 0, 101, 239 |
| RGB Percent | 0%, 40%, 94% |
| CMY | 1.0000, 0.6039, 0.0627 |
| CMYK | 1.00, 0.58, 0.00, 0.06 |
| HSL | 215°, 100%, 47% |
| HSV | 215°, 100%, 94% |
| XYZ | 20.2337, 15.5394, 83.5943 |
| YIQ | 86.5330, -104.4940, 21.5060 |

Conversions

Conversions Part 2

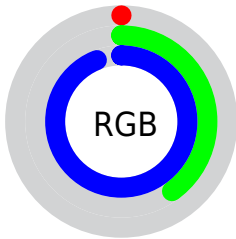
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 71, 239 |
| Decimal | 26095 |
| CIELab | 46.36, 29.74, -75.61 |
| CIELCh | 46, 81.247, 291.470 |
| Yxy | 15.5394, 0.1695, 0.1302 |
| Android (android.graphics.Color) | 4278216175 (0xFF0065EF) |
| YUV | 86.5330, 75.1662, -75.8894 |
| Hunter-Lab | 39.4200, 22.6363, -98.1368 |

Details

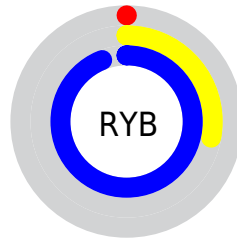
The Hex color **0065EF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EF8A00**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6D97FF**, and **0038B6** is the 20% darker color. If you saturate the color by 10%, you get **0065EF**, and if you desaturate by 10%, it is **1873EF**.

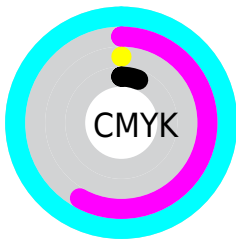
Distribution



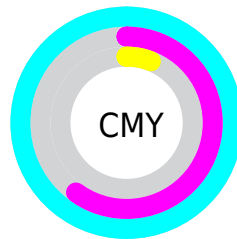
- Red (0%)
- Green (40%)
- Blue (94%)



- Red (0%)
- Yellow (28%)
- Blue (94%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (60%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0065EF 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 0065EF by changing the saturation by 10% instead.

 0065EF

FFFFFF

 6D97FF

 8FB2FF

 AFCDFE

 CFE9FF

 EFFFFFF

 0065EF

 004ED2

 0038B6

 00249A

 00147F

 000665

 00094C

 000535

 00021E

 000001

■ 0065EF

■ 1873EF

■ 3081EF

■ 488EEF

■ 609CEF

■ 77AAEF

■ 8FB8EF

■ A7C6EF

■ BFD3EF

■ D7E1EF

Harmonies

Analogous

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



007DF7



0065EF



A93BC4

Triad

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



0065EF



C54000



008857

Complementary

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



0065EF



EF8A00

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



0065EF



966400

Square

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



0065EF



DF0041



577900



008A9E

Rectangle

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



0065EF



CE009B



577900



00873F

Sweetspot

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



0065EF



B3D3FF



00EF87



526580



000000



808080

Same Dimension

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



0065EF



006CFF



1000EF



6C7178



004EB8



001838

Inverse Universe

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



EF0065



FF006C



DFEF00



786C71



B8004E



380018

Previews

White Background



This preview shows how the Hex color 0065EF looks on a white background.

Color Contrast Check

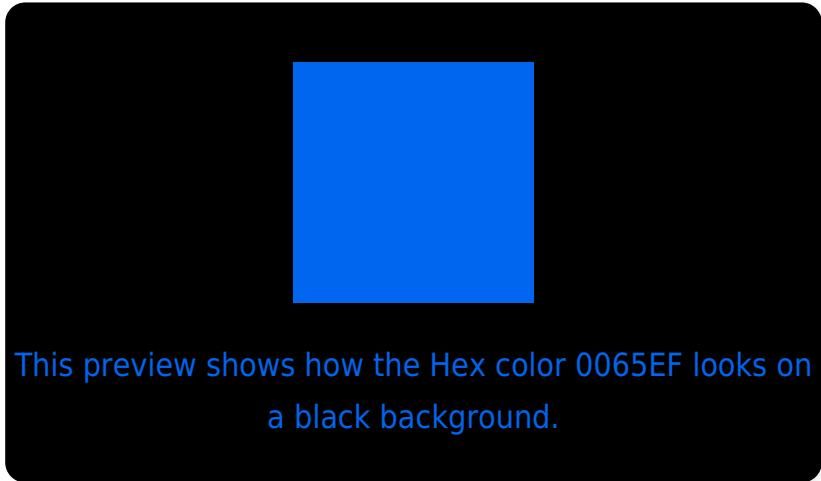
Large Text (above 18pt) WCAG AA ✓ Pass

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

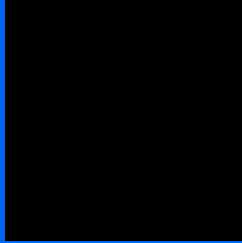
Any Text WCAG AA × Fail

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 0065EF Background



This preview shows how black text looks on a background with the Hex color 0065EF.



This preview shows how white text looks on a background with the Hex color 0065EF.

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
007981

Trichromacy



Original Color
0065EF

Protanomaly
0068E5

Deuteranomaly
006CD1

Tritanomaly
0072A9

Monochromacy



Original Color
0065EF

Achromatopsia
575757

Achromatomaly
375C8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0065EF 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 #0065EF looks like.

```
.text, #text, p{  
    color:#0065EF  
}
```

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 #0065EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0065EF
}
```

Border

The CSS property to change the border of an element to Hex 0065EF 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
#0065EF }
```

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

```
.border{ border-color:#0065EF }
```

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

Here you see how a box with a 4 pixel #0065EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0065EF; -webkit-box-shadow:4px 4px  
4px 4px #0065EF; box-shadow:4px 4px 4px  
4px #0065EF }
```

Background

The CSS property to change the background color of an element to Hex 0065EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0065EF }
```

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

```
.background{ background-color:#0065EF }
```

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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