

Converting Colors

Hex(0075EF)

Have a look what the booklet for
Hex(0075EF) contains.

Hex(0075EF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0075EF)

Conversions

Conversions Part 1

Format	Color
Hex	0075EF
RGB	0, 117, 239
RGB Percent	0%, 46%, 94%
CMY	1.0000, 0.5412, 0.0627
CMYK	1.00, 0.51, 0.00, 0.06
HSL	211°, 100%, 47%
HSV	211°, 100%, 94%
XYZ	21.9413, 18.9546, 84.1635
YIQ	95.9250, -108.8940, 13.1380

Conversions

Conversions Part 2

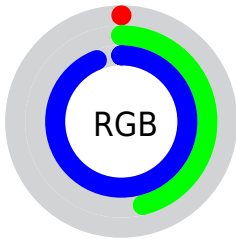
Format	Color
<code>RYB</code>	<code>0, 79, 239</code>
Decimal	<code>30191</code>
CIELab	<code>50.63, 19.51, -68.66</code>
CIELCh	<code>51, 71.379, 285.859</code>
Yxy	<code>18.9546, 0.1754, 0.1516</code>
Android (<code>android.graphics.Color</code>)	<code>4278220271 (0xFF0075EF)</code>
YUV	<code>95.9250, 70.5360, -84.1262</code>
Hunter-Lab	<code>43.5369, 13.7692, -84.1410</code>

Details

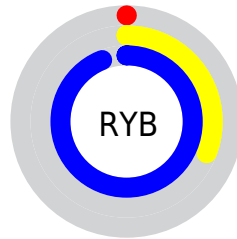
The Hex color **0075EF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **EF7A00**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6CA8FF**, and **0046B6** is the 20% darker color. If you saturate the color by 10%, you get **0075EF**, and if you desaturate by 10%, it is **1881EF**.

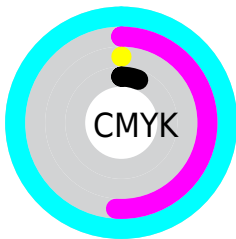
Distribution



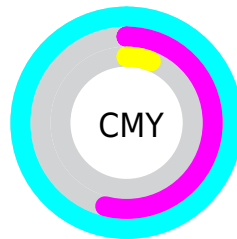
- Red (0%)
- Green (46%)
- Blue (94%)



- Red (0%)
- Yellow (31%)
- Blue (94%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (54%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0075EF 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 0075EF by changing the saturation by 10% instead.

 0075EF

FFFFFF

 6CA8FF

 8EC3FF

 AEDFFF

 CEFBFF

 EDFFFF

 0075EF

 005DD2

 0046B6

 00319B

 001F80

 000466

 000A4D

 000535

 00021F

 000002

■ 0075EF

■ 1881EF

■ 308DEF

■ 489AEF

■ 60A6EF

■ 77B2EF

■ 8FBEEF

■ A7CAEF

■ BFD7EF

■ D7E3EF

Harmonies

Analogous

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



0088F0



0075EF



A257CE

Triad

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



0075EF



D04E20



009159

Complementary

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



0075EF



EF7A00

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.



1F8C13



0075EF



A96B00

Square

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



0075EF



E22F5B



748000



009398

Rectangle

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



0075EF



C93FAC



748000



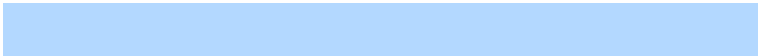
009043

Sweetspot

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



0075EF



B3D8FF



00EF77



526880



000000



808080

Same Dimension

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



0075EF



007DFF



0000EF



6C7278



005AB8



001B38

Inverse Universe

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



EF0075



FF007D



EFEF00



786C72



B8005A



38001B

Previews

White Background



This preview shows how the Hex color 0075EF looks on a white background.

Color Contrast Check

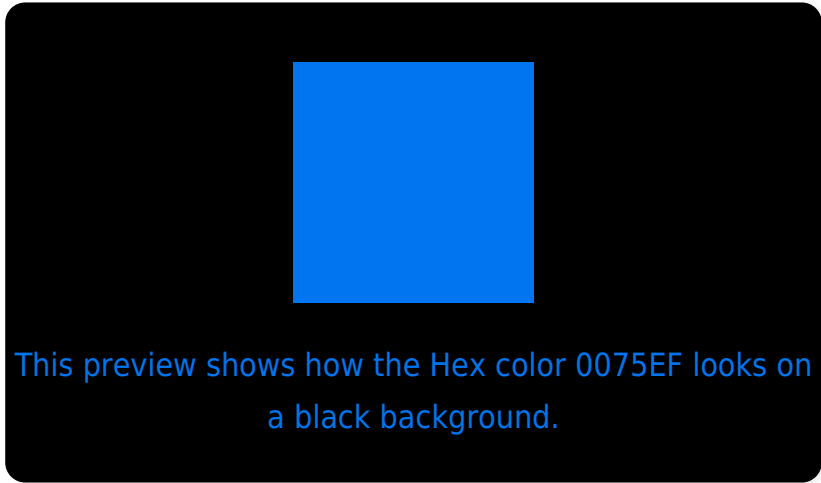
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

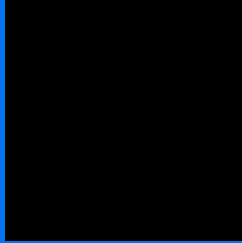
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

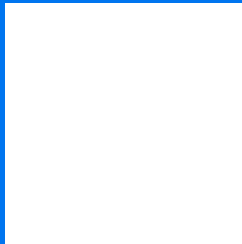
Any Text WCAG AAA × Fail

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

Hex 0075EF Background



This preview shows how black text looks on a background with the Hex color 0075EF.

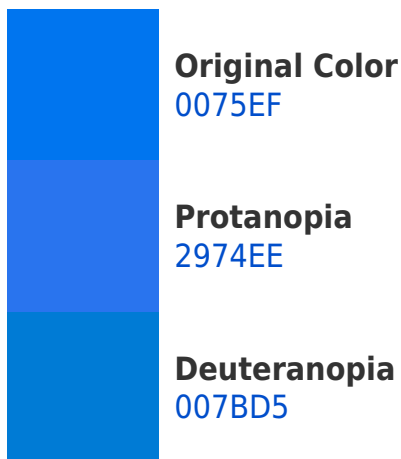


This preview shows how white text looks on a background with the Hex color 0075EF.

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](#).

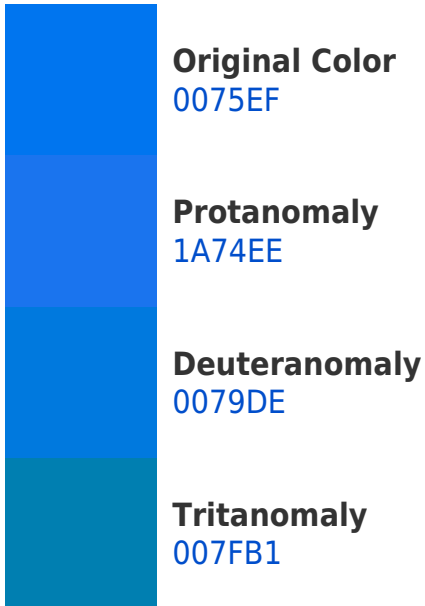
Dichromacy





Tritanopia
00858E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0075EF 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 #0075EF looks like.

```
.text, #text, p{  
    color:#0075EF  
}
```

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 #0075EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075EF
}
```

Border

The CSS property to change the border of an element to Hex 0075EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

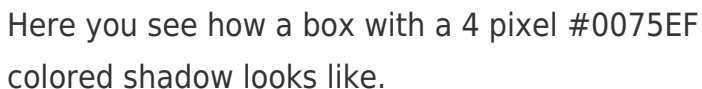
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0075EF }
```

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

```
.border{ border-color:#0075EF }
```

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



Here you see how a box with a 4 pixel #0075EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075EF; -webkit-box-shadow:4px 4px  
4px 4px #0075EF; box-shadow:4px 4px 4px  
4px #0075EF }
```

Background

The CSS property to change the background color of an element to Hex 0075EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075EF }
```

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

```
.background{ background-color:#0075EF }
```

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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