

Converting Colors

Hex(005EFF)

Have a look what the booklet for
Hex(005EFF) contains.

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Color

Hex(005EFF)

Conversions

Conversions Part 1

Format	Color
Hex	005EFF
RGB	0, 94, 255
RGB Percent	0%, 37%, 100%
CMY	1.0000, 0.6314, 0.0000
CMYK	1.00, 0.63, 0.00, 0.00
HSL	218°, 100%, 50%
HSV	218°, 100%, 100%
XYZ	22.0527, 15.2254, 96.3842
YIQ	84.2480, -107.7050, 30.1430

Conversions

Conversions Part 2

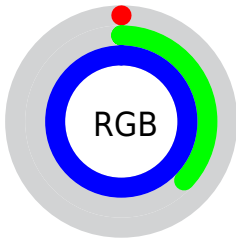
Format	Color
R _Y B	0, 69, 255
Decimal	24319
CIE Lab	45.94, 40.25, -85.24
CIE LCh	46, 94.265, 295.278
Yxy	15.2254, 0.1650, 0.1139
Android (android.graphics.Color)	4278214399 (0xFF005EFF)
YUV	84.2480, 84.1807, -73.8855
Hunter-Lab	39.0197, 32.5979, -119.1408

Details

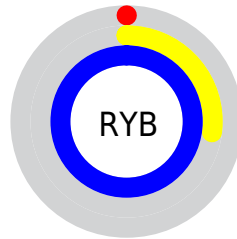
The Hex color **005EFF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFA100**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7390FF**, and **0031C5** is the 20% darker color. If you saturate the color by 10%, you get **005EFF**, and if you desaturate by 10%, it is **196EFF**.

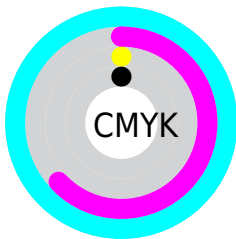
Distribution



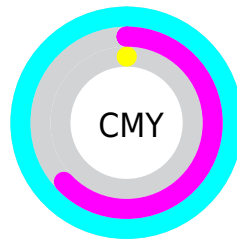
- Red (0%)
- Green (37%)
- Blue (100%)



- Red (0%)
- Yellow (27%)
- Blue (100%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005EFF 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 005EFF by changing the saturation by 10% instead.

 005EFF

 005EFF

FFFFFF

 0047E2

 7390FF

 0031C5

 95AAFF

 001EA9

 B6C5FF

 000F8D

 D7E1FF

 000473

 F7FEFF

 000D59

 000741

 00032A

 000114

 005EFF

 196EFF

 337EFF

 4D8EFF

 669EFF

 80AFFF

 99BFFF

 B3CFFF

 CCDFFF

 E6EFFF

Harmonies

Analogous

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



007CFF



005EFF



BA16C9

Triad

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



005EFF



C83A00



008A5E

Complementary

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



005EFF



FFA100

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.



008500



005EFF



906600

Square

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



005EFF



EA0030



417B00



008BAF

Rectangle

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



005EFF



E00097



417B00



008941

Sweetspot

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



005EFF



B3CFFF



00FF9D



526380



000000



808080

Same Dimension

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



005EFF



1E00FF



737780



0047BF



001840

Inverse Universe

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



FF005E



E1FF00



807377



BF0046



400017

Previews

White Background



This preview shows how the Hex color 005EFF looks on a white background.

Color Contrast Check

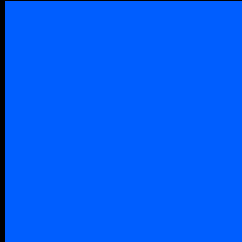
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 005EFF looks on a 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 005EFF Background



This preview shows how black text looks on a background with the Hex color 005EFF.



This preview shows how white text looks on a background with the Hex color 005EFF.

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
00787F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005EFF 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 #005EFF looks like.

```
.text, #text, p{  
    color:#005EFF  
}
```

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 #005EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005EFF
}
```

Border

The CSS property to change the border of an element to Hex 005EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

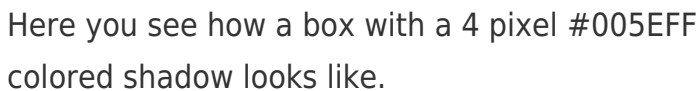
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005EFF }
```

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

```
.border{ border-color:#005EFF }
```

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



Here you see how a box with a 4 pixel #005EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005EFF; -webkit-box-shadow:4px 4px  
4px 4px #005EFF; box-shadow:4px 4px 4px  
4px #005EFF }
```

Background

The CSS property to change the background color of an element to Hex 005EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005EFF }
```

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

```
.background{ background-color:#005EFF }
```

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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