

# Converting Colors

Hex(005EEE)

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

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# Color

**Hex(005EEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005EEE
RGB	0, 94, 238
RGB Percent	0%, 37%, 93%
CMY	1.0000, 0.6314, 0.0667
CMYK	1.00, 0.61, 0.00, 0.07
HSL	216°, 100%, 47%
HSV	216°, 100%, 93%
XYZ	19.4353, 14.1785, 82.6013
YIQ	82.3100, -102.2480, 24.8560

# Conversions

## Conversions Part 2

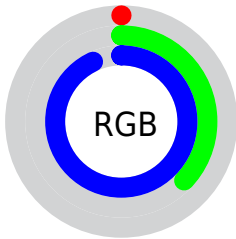
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 67, 238
Decimal	24302
CIE Lab	44.49, 33.85, -78.12
CIE LCh	44, 85.134, 293.426
Yxy	14.1785, 0.1672, 0.1220
Android (android.graphics.Color)	4278214382 (0xFF005EEE)
YUV	82.3100, 76.7552, -72.1859
Hunter-Lab	37.6543, 26.2381, -103.7050

# Details

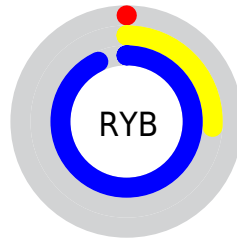
The Hex color **005EEE** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **EE9000**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6E90FF**, and **0032B5** is the 20% darker color. If you saturate the color by 10%, you get **005EEE**, and if you desaturate by 10%, it is **186CEE**.

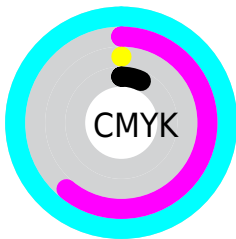
# Distribution



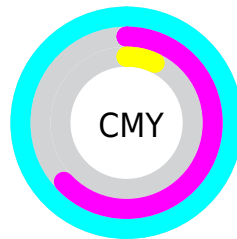
- Red (0%)
- Green (37%)
- Blue (93%)



- Red (0%)
- Yellow (26%)
- Blue (93%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (63%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 005EEE

 005EEE

FFFFFF

 0047D1

 6E90FF

 0032B5

 8FAAFF

 001F99

 B0C5FF

 000D7E

 CFE1FF

 000964

 EFFEFF

 00094B

 000434

 00021E

 000000

 005EEE

 186CEE

 307BEE

 4789EE

 5F98EE

 77A6EE

 8FB4EE

 A7C3EE

 BED1EE

 D6E0EE

# Harmonies

## Analogous

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



0078F9



005EEE



AB2BBF

# Triad

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



005EEE



BF3B00



008457

# Complementary

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



005EEE



EE9000

# 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.



008000



005EEE



8E6100

# Square

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



005EEE



DC0037



4B7600



0085A0

# Rectangle

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



005EEE



CF0093



4B7600



00833D



# Sweetspot

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



005EEE



B3D1FF



00EE8F



526480



000000



808080



# Same Dimension

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



005EEE



0065FF



1800EE



6C7178



0049B8



001638



# Inverse Universe

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



EE005E



FF0065



D6EE00



786C71



B80049



380016



# Previews

## White Background



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

### Color Contrast Check

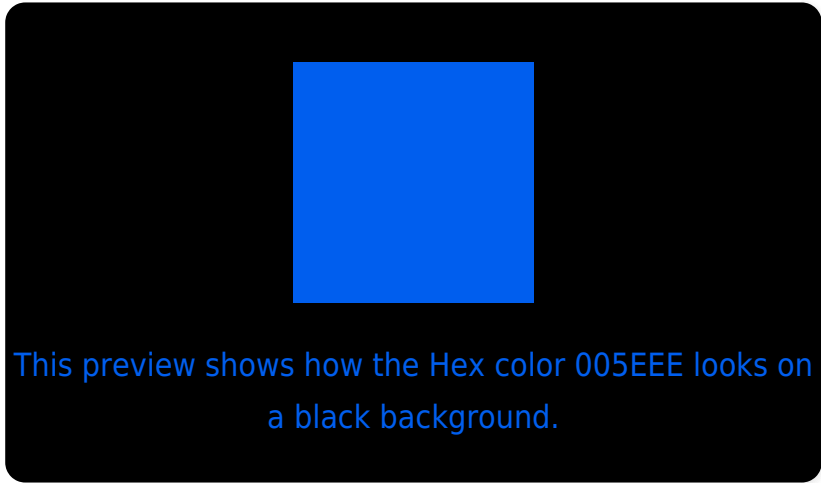
Large Text (above 18pt) WCAG AA ✓ Pass

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

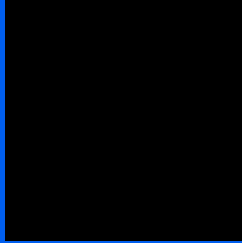
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

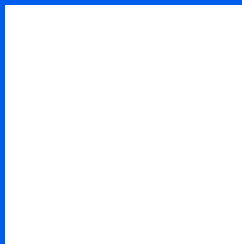
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 005EEE Background



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

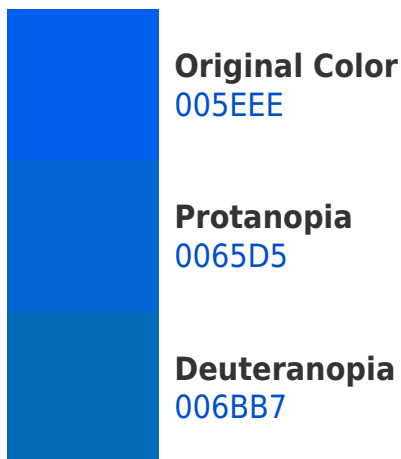


This preview shows how white text looks on a background with the Hex color 005EEE.

# 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**  
00747B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #005EEE colored shadow looks like.

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

## Border

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

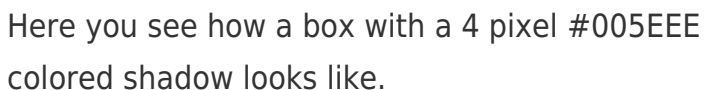
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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