

# Converting Colors

Hex(005FE3)

Have a look what the booklet for  
Hex(005FE3) contains.

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# Color

**Hex(005FE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005FE3
RGB	0, 95, 227
RGB Percent	0%, 37%, 89%
CMY	1.0000, 0.6275, 0.1098
CMYK	1.00, 0.58, 0.00, 0.11
HSL	215°, 100%, 45%
HSV	215°, 100%, 89%
XYZ	17.9573, 13.7305, 74.3768
YIQ	81.6430, -98.9920, 20.9120

# Conversions

## Conversions Part 2

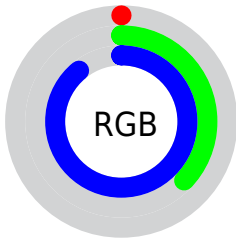
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 227
Decimal	24547
CIELab	43.84, 28.96, -72.96
CIELCh	44, 78.496, 291.648
Yxy	13.7305, 0.1693, 0.1295
Android (android.graphics.Color)	4278214627 (0xFF005FE3)
YUV	81.6430, 71.6610, -71.6009
Hunter-Lab	37.0546, 21.6586, -93.0698

# Details

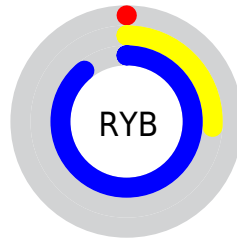
The Hex color **005FE3** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E38400**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6A91FF**, and **0033AA** is the 20% darker color. If you saturate the color by 10%, you get **005FE3**, and if you desaturate by 10%, it is **176CE3**.

# Distribution



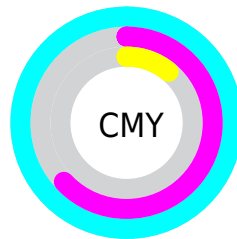
- Red (0%)
- Green (37%)
- Blue (89%)



- Red (0%)
- Yellow (26%)
- Blue (89%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (63%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 005FE3 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 005FE3 by changing the saturation by 10% instead.



 005FE3

 005FE3

FFFFFF

 0048C6

 6A91FF

 0033AA

 8BABFF

 001F8F

 ABC6FF

 000D75

 CBE2FF

 000C5B

 EAFFFF

 000742

 00032B

 000116

 000000

■ 005FE3

■ 176CE3

■ 2D79E3

■ 4487E3

■ 5B94E3

■ 72A1E3

■ 88AEE3

■ 9FBBE3

■ B6C9E3

■ CCD6E3

# Harmonies

## Analogous

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



0076EB



005FE3



A136BA

# Triad

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



005FE3



BB3C00



008153

# Complementary

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



005FE3



E38400

# 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.



007C00



005FE3



8E5F00

# Square

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



005FE3



D3003D



527200



008296

# Rectangle

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



005FE3



C40092



527200



00803B



# Sweetspot

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



005FE3



B3D3FF



00E381



526580



000000



808080



# Same Dimension

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



005FE3



006BFF



0F00E3



676C73



004BB3



001533



# Inverse Universe

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



E3005F



FF006B



D4E300



73676C



B3004B



330015



# Previews

## White Background



This preview shows how the Hex color 005FE3 looks on a white background.

## Color Contrast Check

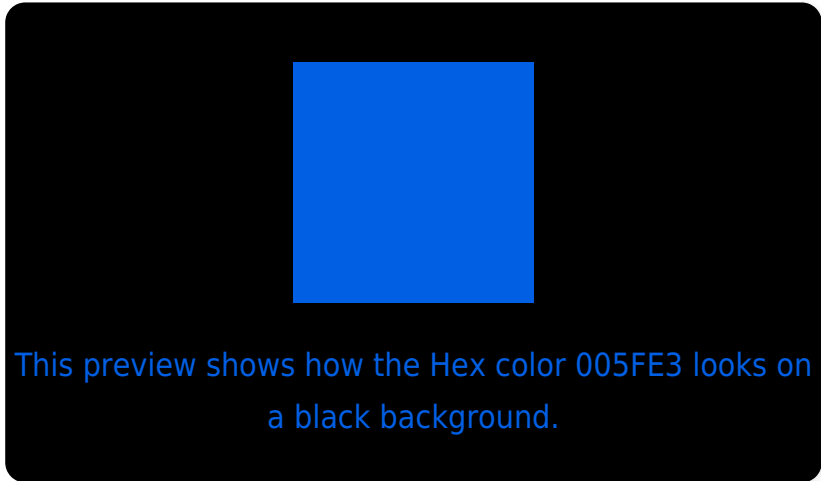
Large Text (above 18pt) WCAG AA ✓ Pass

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

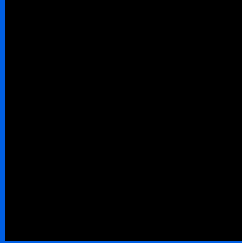
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005FE3 Background



This preview shows how black text looks on a background with the Hex color 005FE3.



This preview shows how white text looks on a background with the Hex color 005FE3.

# 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



**Original Color**  
005FE3

**Protanopia**  
0063D3

**Deuteranopia**  
006AB5



# Trichromacy



**Original Color**  
005FE3

**Protanomaly**  
0062D9

**Deuteranomaly**  
0066C6

**Tritanomaly**  
006CA0

# Monochromacy



**Original Color**  
005FE3

**Achromatopsia**  
525252

**Achromatomaly**  
345787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005FE3 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 #005FE3 looks like.

```
.text, #text, p{  
    color:#005FE3  
}
```

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 #005FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FE3  
}
```

## Border

The CSS property to change the border of an element to Hex 005FE3 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  
#005FE3 }
```

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

```
.border{ border-color:#005FE3 }
```

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

Here you see how a box with a 4 pixel #005FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FE3; -webkit-box-shadow:4px 4px  
4px 4px #005FE3; box-shadow:4px 4px 4px  
4px #005FE3 }
```

# Background

The CSS property to change the background color of an element to Hex 005FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FE3 }
```

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

```
.background{ background-color:#005FE3 }
```

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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