

# Converting Colors

Hex(005CCF)

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

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# Color

Hex(005CCF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005CCF
RGB	0, 92, 207
RGB Percent	0%, 36%, 81%
CMY	1.0000, 0.6392, 0.1882
CMYK	1.00, 0.56, 0.00, 0.19
HSL	213°, 100%, 41%
HSV	213°, 100%, 81%
XYZ	15.0896, 12.1593, 60.5832
YIQ	77.6020, -91.7470, 16.2610

# Conversions

## Conversions Part 2

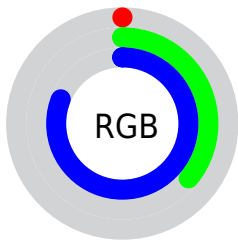
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 207
Decimal	23759
CIELab	41.47, 23.03, -65.41
CIELCh	41, 69.351, 289.396
Yxy	12.1593, 0.1718, 0.1384
Android (android.graphics.Color)	4278213839 (0xFF005CCF)
YUV	77.6020, 63.7932, -68.0570
Hunter-Lab	34.8702, 16.2209, -78.6009

# Details

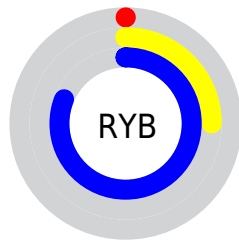
The Hex color **005CCF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CF7300**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **648DFF**, and **003098** is the 20% darker color. If you saturate the color by 10%, you get **005CCF**, and if you desaturate by 10%, it is **1568CF**.

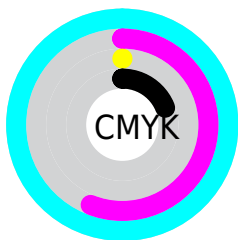
# Distribution



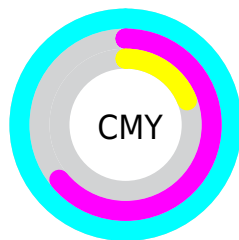
- Red (0%)
- Green (36%)
- Blue (81%)



- Red (0%)
- Yellow (25%)
- Blue (81%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (64%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 005CCF

 005CCF

FFFFFF

 0045B3

 648DFF

 003098

 84A8FF

 001D7D

 A4C3FF

 000363

 C2DEFF

 00094A

 E1FBFF

 000433

 00021D

 000000

 005CCF

■ 1568CF

■ 2973CF

■ 3E7FCF

■ 538ACF

■ 6896CF

■ 7CA1CF

■ 91ADCF

■ A6B8CF

■ BAC3CF

# Harmonies

## Analogous

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



006FD3



005CCF



903CAD

# Triad

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



005CCF



AE3B01



00784B

# Complementary

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



005CCF



CF7300

# 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.



007403



005CCF



885800

# Square

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



005CCF



C20E40



556A00



007A86

# Rectangle

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



005CCF



B11F8B



556A00



007737



# Sweetspot

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



005CCF



B3D5FF



00CF72



526680



000000



808080



# Same Dimension

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



005CCF



0071FF



0A00CF



5E6369



004BA8



001229



# Inverse Universe

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



CF005C



FF0071



C5CF00



695E63



A8004B



290012



# Previews

## White Background



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

## Color Contrast Check

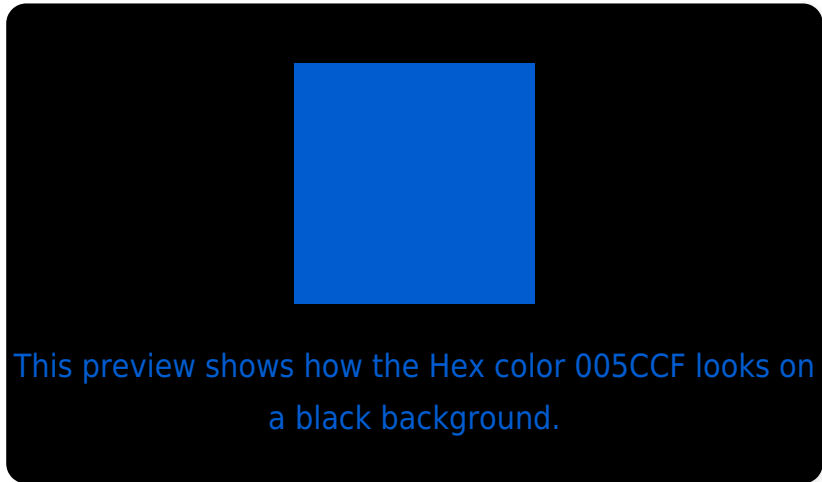
Large Text (above 18pt) WCAG AA ✓ Pass

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

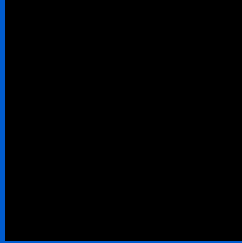
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005CCF Background



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



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

# 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**  
005CCF

**Protanopia**  
005EC8

**Deuteranopia**  
0064AC



**Tritanopia**  
006C73

# Trichromacy



**Original Color**  
005CCF

**Protanomaly**  
005DCB

**Deuteranomaly**  
0061B9

**Tritanomaly**  
006694

# Monochromacy



**Original Color**  
005CCF

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
32537D

# CSS Examples

## Text

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

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

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 #005CCF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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