

# Converting Colors

Hex(001CCF)

Have a look what the booklet for  
Hex(001CCF) contains.

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# Color

Hex(001CCF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	001CCF
RGB	0, 28, 207
RGB Percent	0%, 11%, 81%
CMY	1.0000, 0.8902, 0.1882
CMYK	1.00, 0.86, 0.00, 0.19
HSL	232°, 100%, 41%
HSV	232°, 100%, 81%
XYZ	11.6777, 5.3355, 59.4459
YIQ	40.0340, -74.1470, 49.7330

# Conversions

## Conversions Part 2

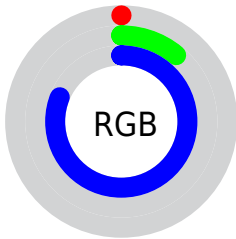
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 25, 207
Decimal	7375
CIELab	27.67, 60.33, -88.17
CIELCh	28, 106.836, 304.384
Yxy	5.3355, 0.1527, 0.0698
Android (android.graphics.Color)	4278197455 (0xFF001CCF)
YUV	40.0340, 82.3142, -35.1098
Hunter-Lab	23.0987, 49.8194, -136.4171

# Details

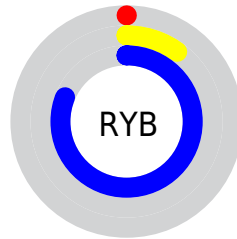
The Hex color **001CCF** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CFB300**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **6A4FFF**, and **000097** is the 20% darker color. If you saturate the color by 10%, you get **001CCF**, and if you desaturate by 10%, it is **152ECF**.

# Distribution



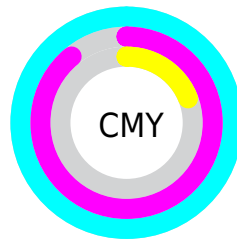
- Red (0%)
- Green (11%)
- Blue (81%)



- Red (0%)
- Yellow (10%)
- Blue (81%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (89%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 001CCF 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 001CCF by changing the saturation by 10% instead.



 001CCF

 001CCF

FFFFFF

 0000B3

 6A4FFF

 000097

 8B68FF

 00007C

 AB83FF

 000A62

 CB9DFF

 000949

 EBB9FF

 000431

 FFD5FF

 00011B

 FFF2FF

 000000

 001CCF

 152ECF

 2940CF

 3E52CF

 5364CF

 6876CF

 7C87CF

 9199CF

 A6ABCF

 BABDCF

# Harmonies

## Analogous

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



004FEE



001CCF



A3008B

# Triad

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



001CCF



851000



00594C

# Complementary

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



001CCF



CFB300

# 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.



005700



001CCF



464400

# Square

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



001CCF



B10000



005200



005C9F

# Rectangle

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



001CCF



BC0055



005200



00582F



# Sweetspot

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



001CCF



B3BDFE



00CFB0



525880



000000



808080



# Same Dimension

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



001CCF



0022FF



4800CF



5E6069



0017A8



000629



# Inverse Universe

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



CF001C



FF0022



87CF00



695E60



A80017

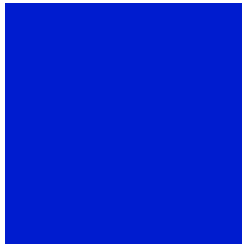


290006



# Previews

## White Background



This preview shows how the Hex color 001CCF looks on a white background.

## Color Contrast Check

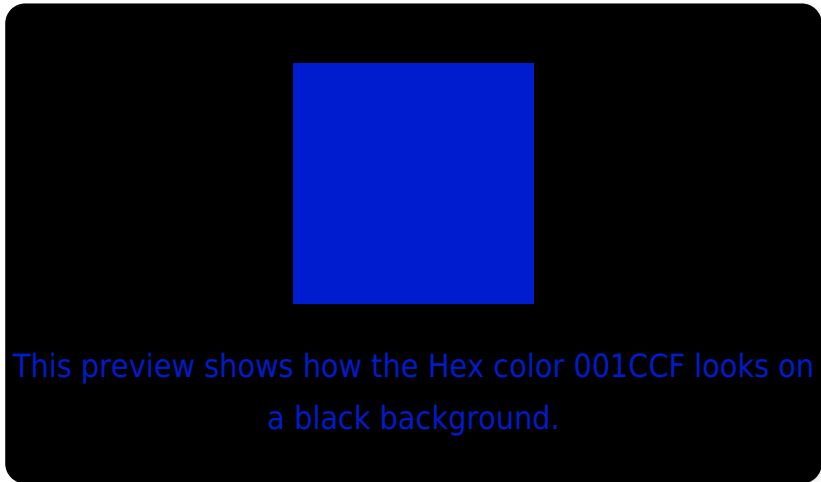
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

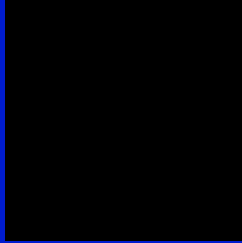
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 001CCF Background



This preview shows how black text looks on a background with the Hex color 001CCF.



This preview shows how white text looks on a background with the Hex color 001CCF.

# 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**  
001CCF

**Protanopia**  
004086

**Deuteranopia**  
004471



**Tritanopia**  
00494D

# Trichromacy



**Original Color**  
001CCF

**Protanomaly**  
0033A1

**Deuteranomaly**  
003593

**Tritanomaly**  
00397C

# Monochromacy



**Original Color**  
001CCF

**Achromatopsia**  
282828

**Achromatomaly**  
192465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 001CCF 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 #001CCF looks like.

```
.text, #text, p{  
    color:#001CCF  
}
```

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 #001CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001CCF
}
```

## Border

The CSS property to change the border of an element to Hex 001CCF 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
#001CCF }
```

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

```
.border{ border-color:#001CCF }
```

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

Here you see how a box with a 4 pixel #001CCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001CCF; -webkit-box-shadow:4px 4px  
4px 4px #001CCF; box-shadow:4px 4px 4px  
4px #001CCF }
```

# Background

The CSS property to change the background color of an element to Hex 001CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001CCF }
```

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

```
.background{ background-color:#001CCF }
```

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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