

Converting Colors

Hex(001CFF)

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

Hex(001CFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(001CFF)

Conversions

Conversions Part 1

Format	Color
Hex	001CFF
RGB	0, 28, 255
RGB Percent	0%, 11%, 100%
CMY	1.0000, 0.8902, 0.0000
CMYK	1.00, 0.89, 0.00, 0.00
HSL	233°, 100%, 50%
HSV	233°, 100%, 100%
XYZ	18.4653, 8.0505, 95.1884
YIQ	45.5060, -89.5550, 64.6610

Conversions

Conversions Part 2

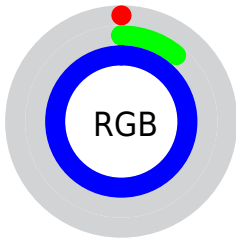
Format	Color
RYB	0, 25, 255
Decimal	7423
CIELab	34.09, 73.69, -104.88
CIELCh	34, 128.178, 305.092
Yxy	8.0505, 0.1517, 0.0661
Android (android.graphics.Color)	4278197503 (0xFF001CFF)
YUV	45.5060, 103.2805, -39.9088
Hunter-Lab	28.3734, 66.5133, -179.0474

Details

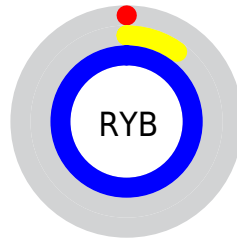
The Hex color **001CFF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **FFE300**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7854FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **001CFF**, and if you desaturate by 10%, it is **1933FF**.

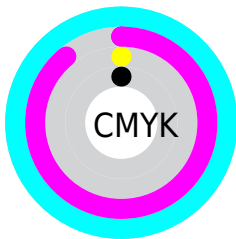
Distribution



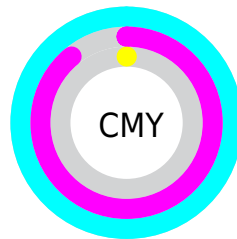
- Red (0%)
- Green (11%)
- Blue (100%)



- Red (0%)
- Yellow (10%)
- Blue (100%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 001CFF

 001CFF

FFFFFF

 0000E1

 7854FF

 0000C4

 9C6EFF

 0000A8

 BE89FF

 00008C

 DFA5FF

 001072


 FFC1FF

 000C58

 FFDEFF

 000740

 FFFBFF

 000329

 000112

 001CFF

 1933FF

 3349FF

 4D60FF

 6677FF

 808DFF

 99A4FF

 B3BBFF

 CCD2FF

 E6E8FF

Harmonies

Analogous

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



0061FF



001CFF



CA00A9

Triad

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



001CFF



A21200



006D60

Complementary

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



001CFF



FFE300

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.



006A00



001CFF



535400

Square

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



001CFF



D80000



006500



0071C7

Rectangle

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



001CFF



E90066



006500



006C3C

Sweetspot

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



001CFF



B3BBFF



00FFE1



525780



000000



808080

Same Dimension

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



001CFF



6200FF



737480



0015BF



000740

Inverse Universe

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



FF001C



9DFF00



807374



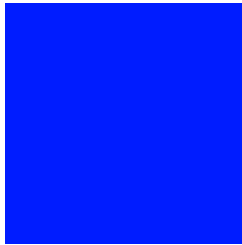
BF0015



400007

Previews

White Background



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

Color Contrast Check

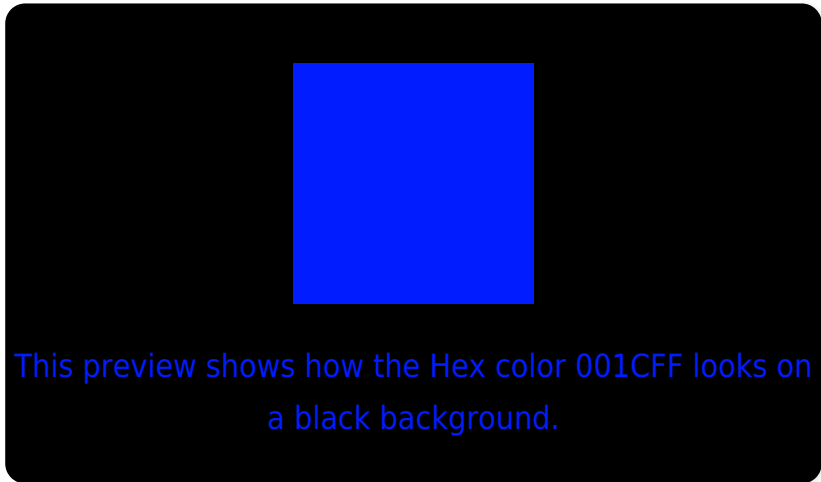
Large Text (above 18pt) WCAG AA ✓ Pass

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 001CFF Background



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



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

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
001CFF

Protanopia
004DA1

Deuteranopia
005289



Tritanopia
00595D

Trichromacy



Original Color
001CFF

Protanomaly
003BC3

Deuteranomaly
003EB4

Tritanomaly
004398

Monochromacy



Original Color
001CFF

Achromatopsia
2E2E2E

Achromatomaly
1D277A

CSS Examples

Text

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

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

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 #001CFF colored shadow looks like.

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

Border

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

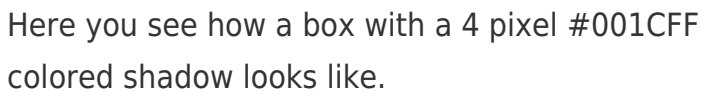
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001CFF }
```

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

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

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



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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor