

Converting Colors

Hex(001CF1)

Have a look what the booklet for
Hex(001CF1) contains.

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Color

Hex(001CF1)

Conversions

Conversions Part 1

Format	Color
Hex	001CF1
RGB	0, 28, 241
RGB Percent	0%, 11%, 95%
CMY	1.0000, 0.8902, 0.0549
CMYK	1.00, 0.88, 0.00, 0.05
HSL	233°, 100%, 47%
HSV	233°, 100%, 95%
XYZ	16.2924, 7.1814, 83.7465
YIQ	43.9100, -85.0610, 60.3070

Conversions

Conversions Part 2

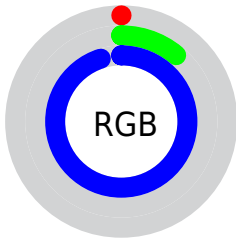
Format	Color
R _{YB}	0, 25, 241
Decimal	7409
CIE _{Lab}	32.22, 69.92, -100.11
CIE _{LCh}	32, 122.113, 304.931
Yxy	7.1814, 0.1520, 0.0670
Android (android.graphics.Color)	4278197489 (0xFF001CF1)
YUV	43.9100, 97.1654, -38.5091
Hunter-Lab	26.7981, 61.6260, -166.5280

Details

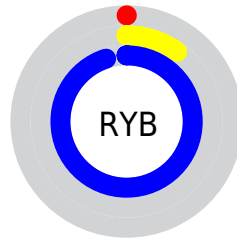
The Hex color **001CF1** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F1D500**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7452FF**, and **0000B7** is the 20% darker color. If you saturate the color by 10%, you get **001CF1**, and if you desaturate by 10%, it is **1831F1**.

Distribution



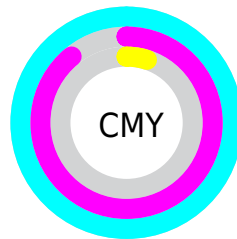
- Red (0%)
- Green (11%)
- Blue (95%)



- Red (0%)
- Yellow (10%)
- Blue (95%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (89%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001CF1 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 001CF1 by changing the saturation by 10% instead.

 001CF1

 001CF1

FFFFFF

 0000D4

 7452FF

 0000B7

 976CFF

 00009B

 B987FF

 000080

 D9A3FF

 001065

 FABFFF

 00094C

 FFDBFF

 000535

 FFF8FF

 00021F

 000001

 001CF1

 1831F1

 3047F1

 485CF1

 6071F1

 7886F1

 919CF1

 A9B1F1

 C1C6F1

 D9DCF1

Harmonies

Analogous

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



005CFF



001CF1



BF00A0

Triad

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



001CF1



991200



00675B

Complementary

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



001CF1



F1D500

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.



006400



001CF1



4F4F00

Square

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



001CF1



CD0000



005F00



006BBC

Rectangle

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



001CF1



DC0061



005F00



006638

Sweetspot

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



001CF1



B3BBFF



00F1D5



525780



000000



808080

Same Dimension

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



001CF1



001EFF



5C00F1



6C6D78



0015B8



000738

Inverse Universe

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



F1001C



FF001E



95F100



786C6D



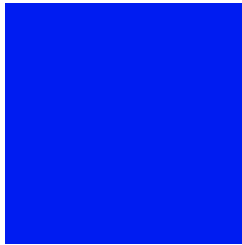
B80015



380007

Previews

White Background



This preview shows how the Hex color 001CF1 looks on a white background.

Color Contrast Check

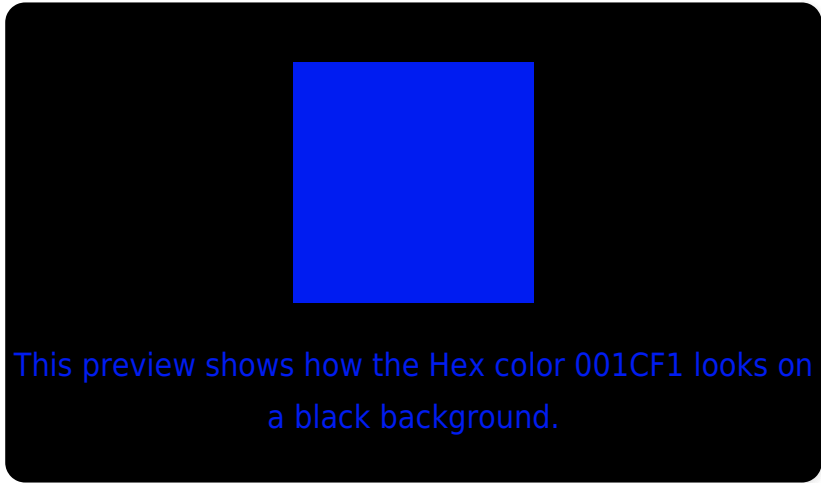
Large Text (above 18pt) WCAG AA ✓ Pass

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 001CF1 Background



This preview shows how black text looks on a background with the Hex color 001CF1.



This preview shows how white text looks on a background with the Hex color 001CF1.

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



Trichromacy



Original Color
001CF1

Protanomaly
0039B9

Tritanomaly
004090

Monochromacy



Original Color
001CF1

Achromatopsia
2C2C2C

Achromatomaly
1C2674

CSS Examples

Text

The CSS property to change the color of the text to Hex 001CF1 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 #001CF1 looks like.

```
.text, #text, p{  
    color:#001CF1  
}
```

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 #001CF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001CF1
}
```

Border

The CSS property to change the border of an element to Hex 001CF1 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
#001CF1 }
```

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

```
.border{ border-color:#001CF1 }
```

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

Here you see how a box with a 4 pixel #001CF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001CF1; -webkit-box-shadow:4px 4px  
4px 4px #001CF1; box-shadow:4px 4px 4px  
4px #001CF1 }
```

Background

The CSS property to change the background color of an element to Hex 001CF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001CF1 }
```

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

```
.background{ background-color:#001CF1 }
```

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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