

Converting Colors

Hex(003CFF)

Have a look what the booklet for
Hex(003CFF) contains.

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Color

Hex(003CFF)

Conversions

Conversions Part 1

Format	Color
Hex	003CFF
RGB	0, 60, 255
RGB Percent	0%, 24%, 100%
CMY	1.0000, 0.7647, 0.0000
CMYK	1.00, 0.76, 0.00, 0.00
HSL	226°, 100%, 50%
HSV	226°, 100%, 100%
XYZ	19.6659, 10.4517, 95.5886
YIQ	64.2900, -98.3550, 47.9250

Conversions

Conversions Part 2

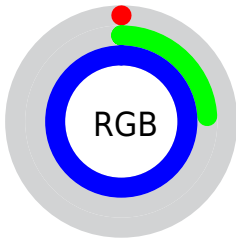
Format	Color
R _Y B	0, 49, 255
Decimal	15615
CIE Lab	38.64, 60.21, -97.30
CIE LCh	39, 114.417, 301.750
Yxy	10.4517, 0.1564, 0.0831
Android (android.graphics.Color)	4278205695 (0xFF003CFF)
YUV	64.2900, 94.0200, -56.3823
Hunter-Lab	32.3291, 52.0059, -152.6744

Details

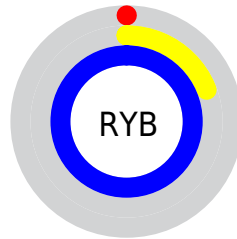
The Hex color **003CFF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FFC300**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **766EFF**, and **000DC5** is the 20% darker color. If you saturate the color by 10%, you get **003CFF**, and if you desaturate by 10%, it is **1950FF**.

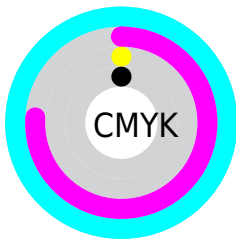
Distribution



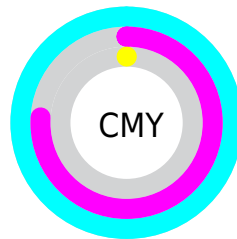
- Red (0%)
- Green (24%)
- Blue (100%)



- Red (0%)
- Yellow (19%)
- Blue (100%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003CFF 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 003CFF by changing the saturation by 10% instead.

 003CFF

 003CFF

FFFFFF

 0024E1

 766EFF

 000DC5

 9988FF

 0000A8

 BBA2FF

 00008D

 DBBEFF

 000D72

 FCDAFF

 000D58

 FFF7FF

 000740

 000329

 000113

 003CFF

 1950FF

 3363FF

 4D77FF

 668AFF

 809EFF

 99B1FF

 B3C5FF

 CCD8FF

 E6ECFF

Harmonies

Analogous

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



006BFF



003CFF



C400B5

Triad

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



003CFF



B12300



00785F

Complementary

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



003CFF



FFC300

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.



007500



003CFF



6B5B00

Square

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



003CFF



E00000



006E00



007BBD

Rectangle

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



003CFF



E60079



006E00



00773D

Sweetspot

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



003CFF



B3C5FF



00FFBF



525C80



000000



808080

Same Dimension

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



003CFF



4000FF



737680



002DBF



000F40

Inverse Universe

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



FF003C



BFFF00



807376



BF002D



40000F

Previews

White Background



This preview shows how the Hex color 003CFF looks on a white background.

Color Contrast Check

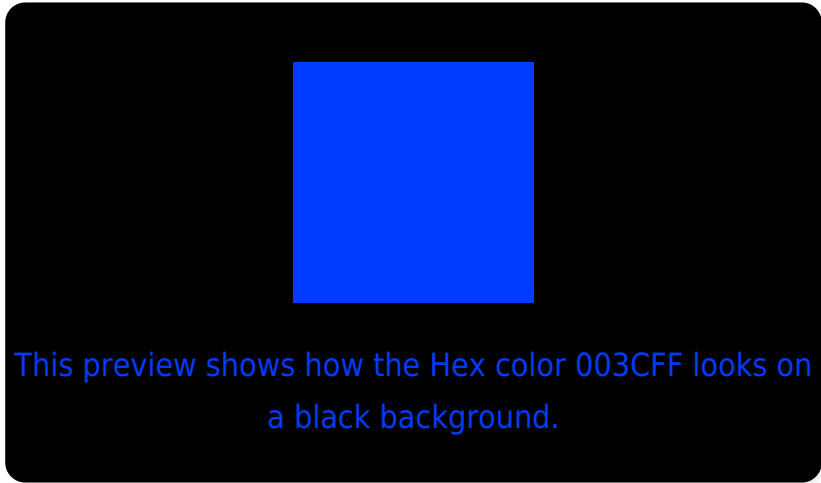
Large Text (above 18pt) WCAG AA ✓ Pass

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 003CFF Background



This preview shows how black text looks on a background with the Hex color 003CFF.



This preview shows how white text looks on a background with the Hex color 003CFF.

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
003CFF

Protanomaly
004DD1

Deuteranomaly
0051BF

Monochromacy



Original Color
003CFF

Achromatopsia
404040

Achromatomaly
293F85

CSS Examples

Text

The CSS property to change the color of the text to Hex 003CFF 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 #003CFF looks like.

```
.text, #text, p{  
    color:#003CFF  
}
```

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 #003CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003CFF
}
```

Border

The CSS property to change the border of an element to Hex 003CFF 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
#003CFF }
```

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

```
.border{ border-color:#003CFF }
```

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

Here you see how a box with a 4 pixel #003CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003CFF; -webkit-box-shadow:4px 4px  
4px 4px #003CFF; box-shadow:4px 4px 4px  
4px #003CFF }
```

Background

The CSS property to change the background color of an element to Hex 003CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003CFF }
```

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

```
.background{ background-color:#003CFF }
```

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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