

Converting Colors

Hex(002BFC)

Have a look what the booklet for
Hex(002BFC) contains.

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Color

Hex(002BFC)

Conversions

Conversions Part 1

Format	Color
Hex	002BFC
RGB	0, 43, 252
RGB Percent	0%, 17%, 99%
CMY	1.0000, 0.8314, 0.0118
CMYK	1.00, 0.83, 0.00, 0.01
HSL	230°, 100%, 49%
HSV	230°, 100%, 99%
XYZ	18.4346, 8.7560, 92.8139
YIQ	53.9690, -92.7170, 55.8830

Conversions

Conversions Part 2

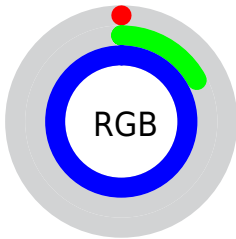
Format	Color
RYB	0, 37, 252
Decimal	11260
CIELab	35.51, 67.40, -100.82
CIELCh	36, 121.275, 303.762
Yxy	8.7560, 0.1536, 0.0730
Android (android.graphics.Color)	4278201340 (0xFF002BFC)
YUV	53.9690, 97.6293, -47.3308
Hunter-Lab	29.5906, 59.4197, -165.2558

Details

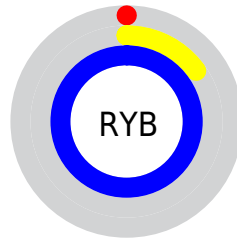
The Hex color **002BFC** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FCD100**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **765EFF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **002BFC**, and if you desaturate by 10%, it is **1940FC**.

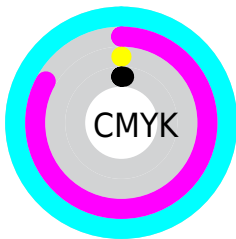
Distribution



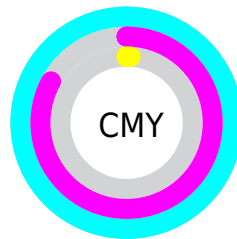
- Red (0%)
- Green (17%)
- Blue (99%)



- Red (0%)
- Yellow (15%)
- Blue (99%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (83%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002BFC 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 002BFC by changing the saturation by 10% instead.

 002BFC

 002BFC

FFFFFF

 000FDE

 765EFF

 0000C2

 9A78FF

 0000A5

 BB93FF

 00008A

 DCAFFF

 00106F

 FDCBFF

 000C56

 FFE7FF

 00063D

 000327

 000110

 002BFC

 1940FC

 3255FC

 4C6AFC

 657FFC

 7E93FC

 97A8FC

 B0BDFC

 CAD2FC

 E3E7FC

Harmonies

Analogous

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



0064FF



002BFC



C500AC

Triad

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



002BFC



A61900



00705E

Complementary

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



002BFC



FCD100

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.



006D00



002BFC



5C5600

Square

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



002BFC



D90000



006700



0073C1

Rectangle

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



002BFC



E5006D



006700



006F3C

Sweetspot

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



002BFC



B3C0FF



00FCCE



525980



000000



808080

Same Dimension

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



002BFC



002CFF



5000FC



70737D



0020BD



000A3D

Inverse Universe

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



FC002B



FF002C



ACFC00



7D7073



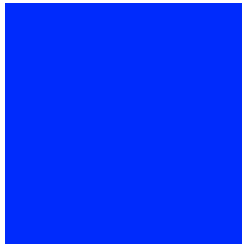
BD0020



3D000A

Previews

White Background



This preview shows how the Hex color 002BFC looks on a white background.

Color Contrast Check

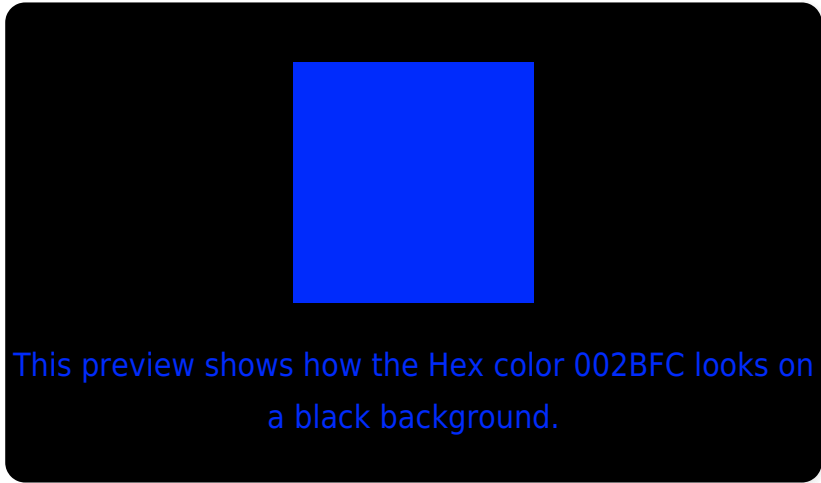
Large Text (above 18pt) WCAG AA ✓ Pass

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 002BFC Background



This preview shows how black text looks on a background with the Hex color 002BFC.



This preview shows how white text looks on a background with the Hex color 002BFC.

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
002BFC

Protanopia
0050A8

Deuteranopia
00558E



Tritanopia
005C60

Trichromacy



Original Color
002BFC

Protanomaly
0043C7

Deuteranomaly
0046B6

Tritanomaly
004A99

Monochromacy



Original Color
002BFC

Achromatopsia
363636

Achromatomaly
22327E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002BFC 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 #002BFC looks like.

```
.text, #text, p{  
    color:#002BFC  
}
```

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 #002BFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002BFC
}
```

Border

The CSS property to change the border of an element to Hex 002BFC is called "border". The border property can be set on classes, ids or directly on the HTML element.

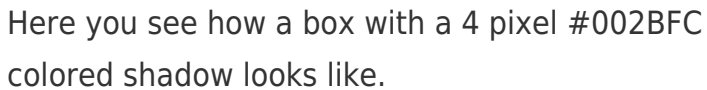
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002BFC }
```

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

```
.border{ border-color:#002BFC }
```

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



Here you see how a box with a 4 pixel #002BFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002BFC; -webkit-box-shadow:4px 4px  
4px 4px #002BFC; box-shadow:4px 4px 4px  
4px #002BFC }
```

Background

The CSS property to change the background color of an element to Hex 002BFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002BFC }
```

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

```
.background{ background-color:#002BFC }
```

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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