

Converting Colors

Hex(002FB5)

Have a look what the booklet for
Hex(002FB5) contains.

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Color

Hex(002FB5)

Conversions

Conversions Part 1

Format	Color
Hex	002FB5
RGB	0, 47, 181
RGB Percent	0%, 18%, 71%
CMY	1.0000, 0.8157, 0.2902
CMYK	1.00, 0.74, 0.00, 0.29
HSL	224°, 100%, 35%
HSV	224°, 100%, 71%
XYZ	9.3570, 5.3692, 44.2593
YIQ	48.2230, -71.0260, 31.7100

Conversions

Conversions Part 2

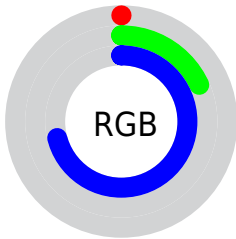
Format	Color
RYB	0, 37, 181
Decimal	12213
CIELab	27.76, 42.24, -72.70
CIELCh	28, 84.083, 300.158
Yxy	5.3692, 0.1586, 0.0910
Android (android.graphics.Color)	4278202293 (0xFF002FB5)
YUV	48.2230, 65.4591, -42.2916
Hunter-Lab	23.1716, 31.5305, -97.0277

Details

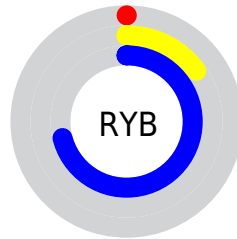
The Hex color **002FB5** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B58600**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **605EEE**, and **00077F** is the 20% darker color. If you saturate the color by 10%, you get **002FB5**, and if you desaturate by 10%, it is **123CB5**.

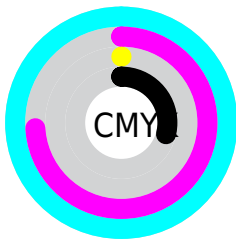
Distribution



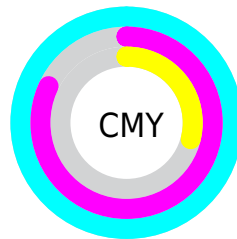
- Red (0%)
- Green (18%)
- Blue (71%)



- Red (0%)
- Yellow (15%)
- Blue (71%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (82%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002FB5 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 002FB5 by changing the saturation by 10% instead.

■ 002FB5

■ 002FB5

FFFFFF

■ 001A99

■ 605EEE

■ 00077F

■ 8077FF

■ 000065

■ 9E90FF

■ 00094C

■ BDABFF

■ 000434

■ DBC7FF

■ 00021E

■ FAE3FF

■ 000000

■ 002FB5

■ 123CB5

 244AB5

 3657B5

 4865B5

 5B72B5

 6D7FB5

 7F8DB5

 919AB5

 A3A8B5

Harmonies

Analogous

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



004DC8



002FB5



890083

Triad

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



002FB5



811A00



005740

Complementary

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



002FB5



B58600

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.



005400



002FB5



514000

Square

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



002FB5



A10003



004F00



005882

Rectangle

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



002FB5



A2005A



004F00



005629

Sweetspot

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



002FB5



A4B6EB



00B585



4B5675



F5F5F5



757575

Same Dimension

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



002FB5



003DEB



2A00B5



505359



002899



00071A

Inverse Universe

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



B5002F



EB003D



8BB500



595053



990028



1A0007

Previews

White Background



This preview shows how the Hex color 002FB5 looks on a white background.

Color Contrast Check

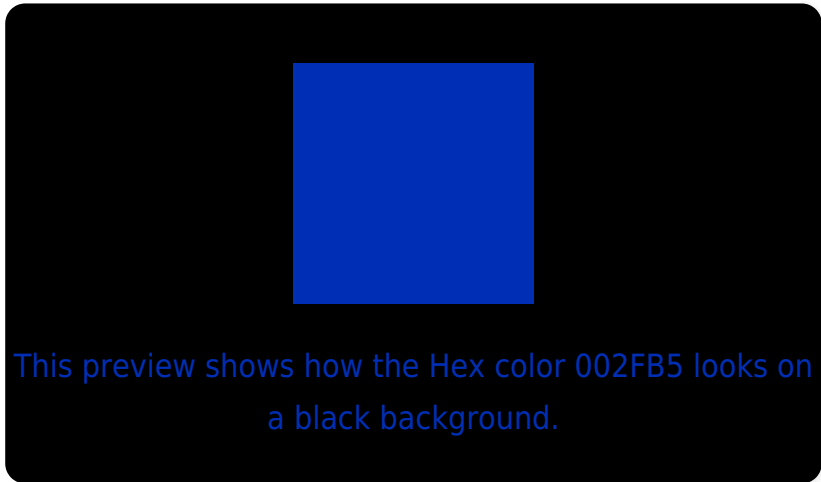
Large Text (above 18pt) WCAG AA ✓ Pass

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

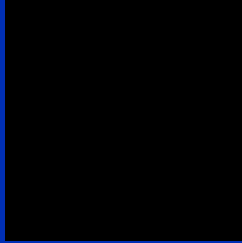
Any Text WCAG AA × Fail

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 002FB5 Background



This preview shows how black text looks on a background with the Hex color 002FB5.



This preview shows how white text looks on a background with the Hex color 002FB5.

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
002FB5

Protanomaly
003A97

Deuteranomaly
003C8A

Monochromacy



Original Color
002FB5

Achromatopsia
303030

Achromatomaly
1F3060

CSS Examples

Text

The CSS property to change the color of the text to Hex 002FB5 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 #002FB5 looks like.

```
.text, #text, p{  
    color:#002FB5  
}
```

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 #002FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002FB5
}
```

Border

The CSS property to change the border of an element to Hex 002FB5 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".

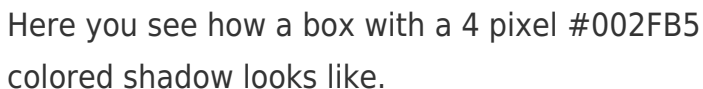
```
.border, #border, table{ border:4px solid
#002FB5 }
```

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

```
.border{ border-color:#002FB5 }
```

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

Here you see how a box with a 4 pixel #002FB5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002FB5; -webkit-box-shadow:4px 4px  
4px 4px #002FB5; box-shadow:4px 4px 4px  
4px #002FB5 }
```

Background

The CSS property to change the background color of an element to Hex 002FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002FB5 }
```

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

```
.background{ background-color:#002FB5 }
```

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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