

Converting Colors

Hex(002FE3)

Have a look what the booklet for
Hex(002FE3) contains.

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Color

Hex(002FE3)

Conversions

Conversions Part 1

Format	Color
Hex	002FE3
RGB	0, 47, 227
RGB Percent	0%, 18%, 89%
CMY	1.0000, 0.8157, 0.1098
CMYK	1.00, 0.79, 0.00, 0.11
HSL	228°, 100%, 45%
HSV	228°, 100%, 89%
XYZ	14.8816, 7.5791, 73.3516
YIQ	53.4670, -85.7920, 46.0160

Conversions

Conversions Part 2

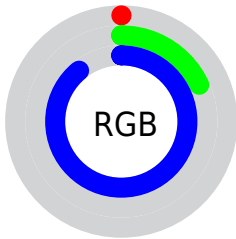
Format	Color
RYB	0, 39, 227
Decimal	12259
CIELab	33.09, 57.89, -90.69
CIELCh	33, 107.590, 302.553
Yxy	7.5791, 0.1553, 0.0791
Android (android.graphics.Color)	4278202339 (0xFF002FE3)
YUV	53.4670, 85.5518, -46.8906
Hunter-Lab	27.5301, 48.3119, -138.7019

Details

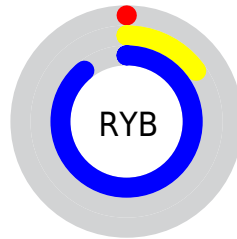
The Hex color **002FE3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **E3B400**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6E60FF**, and **0000AA** is the 20% darker color. If you saturate the color by 10%, you get **002FE3**, and if you desaturate by 10%, it is **1741E3**.

Distribution



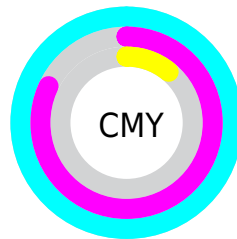
- Red (0%)
- Green (18%)
- Blue (89%)



- Red (0%)
- Yellow (15%)
- Blue (89%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (82%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002FE3 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 002FE3 by changing the saturation by 10% instead.

■ 002FE3

■ 002FE3

FFFFFF

■ 0017C6

■ 6E60FF

■ 0000AA

■ 917AFF

■ 00008E

■ B194FF

■ 000074

■ D1AFFF

■ 000D5A

■ F1CBFF

■ 000741

■ FFE8FF

■ 00032A

■ 000115

■ 000000

■ 002FE3

■ 1741E3

■ 2D53E3

■ 4465E3

■ 5B77E3

■ 7289E3

■ 889BE3

■ 9FADE3

■ B6BFE3

■ CCD1E3

Harmonies

Analogous

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



005CFF



002FE3



B0009F

Triad

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



002FE3



9A1B00



006854

Complementary

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



002FE3



E3B400

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.



006500



002FE3



5A4E00

Square

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



002FE3



C60000



005F00



006AAA

Rectangle

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



002FE3



CD0067



005F00



006735

Sweetspot

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



002FE3



B3C2FF



00E3B2



525B80



000000



808080

Same Dimension

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



002FE3



0035FF



4000E3



676A73



0025B3



000B33

Inverse Universe

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



E3002F



FF0035



A3E300



73676A



B30025



33000B

Previews

White Background



This preview shows how the Hex color 002FE3 looks on a white background.

Color Contrast Check

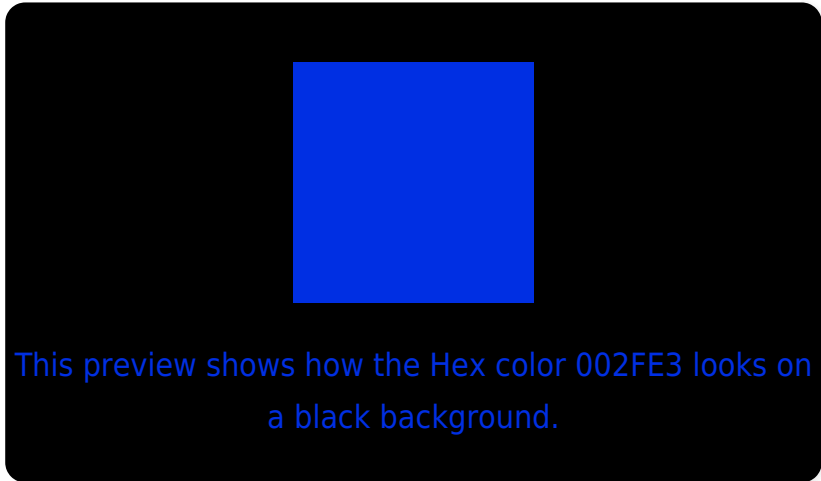
Large Text (above 18pt) WCAG AA ✓ Pass

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

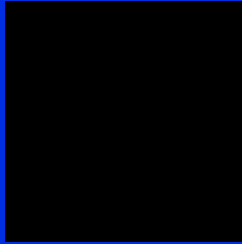
Any Text WCAG AA × Fail

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 002FE3 Background



This preview shows how black text looks on a background with the Hex color 002FE3.




This preview shows how white text looks on a background with the Hex color 002FE3.

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





Tritanopia
00565A

Trichromacy



Original Color
002FE3

Protanomaly
0041B6

Deuteranomaly
0044A8

Tritanomaly
00488C

Monochromacy



Original Color
002FE3

Achromatopsia
353535

Achromatomaly
223374

CSS Examples

Text

The CSS property to change the color of the text to Hex 002FE3 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 #002FE3 looks like.

```
.text, #text, p{  
    color:#002FE3  
}
```

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 #002FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002FE3
}
```

Border

The CSS property to change the border of an element to Hex 002FE3 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
#002FE3 }
```

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

```
.border{ border-color:#002FE3 }
```

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

Here you see how a box with a 4 pixel #002FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002FE3; -webkit-box-shadow:4px 4px  
4px 4px #002FE3; box-shadow:4px 4px 4px  
4px #002FE3 }
```

Background

The CSS property to change the background color of an element to Hex 002FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002FE3 }
```

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

```
.background{ background-color:#002FE3 }
```

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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