

Converting Colors

Hex(003FEA)

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

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Color

Hex(003FEA)

Conversions

Conversions Part 1

Format	Color
Hex	003FEA
RGB	0, 63, 234
RGB Percent	0%, 25%, 92%
CMY	1.0000, 0.7529, 0.0824
CMYK	1.00, 0.73, 0.00, 0.08
HSL	224°, 100%, 46%
HSV	224°, 100%, 92%
XYZ	16.6288, 9.4955, 78.7983
YIQ	63.6570, -92.4390, 39.8250

Conversions

Conversions Part 2

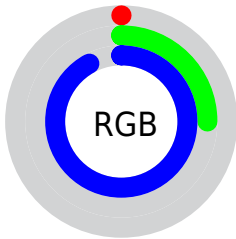
Format	Color
R _{YB}	0, 50, 234
Decimal	16362
CIE _{Lab}	36.92, 51.54, -88.32
CIE _{LCh}	37, 102.256, 300.266
Yxy	9.4955, 0.1585, 0.0905
Android (android.graphics.Color)	4278206442 (0xFF003FEA)
YUV	63.6570, 83.9791, -55.8272
Hunter-Lab	30.8148, 42.3991, -130.0434

Details

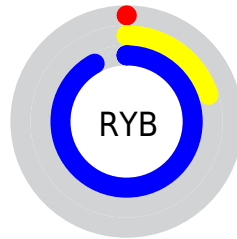
The Hex color **003FEA** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **EAAB00**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6F70FF**, and **0014B1** is the 20% darker color. If you saturate the color by 10%, you get **003FEA**, and if you desaturate by 10%, it is **1750EA**.

Distribution



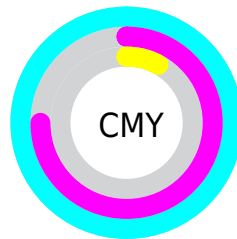
- Red (0%)
- Green (25%)
- Blue (92%)



- Red (0%)
- Yellow (20%)
- Blue (92%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (75%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 003FEA

 003FEA

FFFFFF

 0028CD

 6F70FF

 0014B1

 9189FF

 000495

 B2A4FF

 00007A

 D2BFFF

 000F60

 F2DBFF

 000847

 FFF8FF

 000430

 00011A

 000000

 003FEA

 1750EA

 2F61EA

 4672EA

 5E83EA

 7594EA

 8CA6EA

 A4B7EA

 BBC8EA

 D3D9EA

Harmonies

Analogous

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



0065FF



003FEA



B200AB

Triad

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



003FEA



A72500



007256

Complementary

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



003FEA



EAAB00

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.



006F00



003FEA



6A5500

Square

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



003FEA



D0000A



006800



0074AA

Rectangle

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



003FEA



D20076



006800



007138

Sweetspot

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



003FEA



B3C7FF



00EAA8



525E80



000000



808080

Same Dimension

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



003FEA



0045FF



3300EA



6A6D75



0031B5



000E36

Inverse Universe

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



EA003F



FF0045



B7EA00



756A6D



B50031



36000E

Previews

White Background



This preview shows how the Hex color 003FEA 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

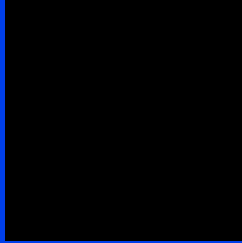
Any Text WCAG AA × Fail

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 003FEA Background



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

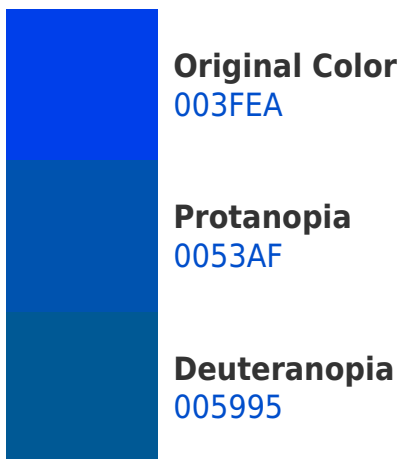


This preview shows how white text looks on a background with the Hex color 003FEA.

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
003FEA

Protanomaly
004CC4

Deuteranomaly
0050B4

Monochromacy



Original Color
003FEA

Achromatopsia
404040

Achromatomaly
29407E

CSS Examples

Text

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

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

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 #003FEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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