

Converting Colors

Hex(001FEC)

Have a look what the booklet for
Hex(001FEC) contains.

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Color

Hex(001FEC)

Conversions

Conversions Part 1

Format	Color
Hex	001FEC
RGB	0, 31, 236
RGB Percent	0%, 12%, 93%
CMY	1.0000, 0.8784, 0.0745
CMYK	1.00, 0.87, 0.00, 0.07
HSL	232°, 100%, 46%
HSV	232°, 100%, 93%
XYZ	15.6303, 7.0361, 79.8912
YIQ	45.1010, -84.2810, 57.1830

Conversions

Conversions Part 2

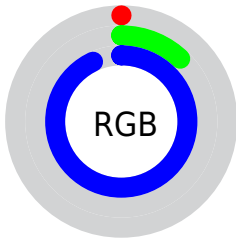
Format	Color
RYB	0, 27, 236
Decimal	8172
CIELab	31.89, 67.52, -97.82
CIELCh	32, 118.859, 304.613
Yxy	7.0361, 0.1524, 0.0686
Android (android.graphics.Color)	4278198252 (0xFF001FEC)
YUV	45.1010, 94.1132, -39.5536
Hunter-Lab	26.5257, 58.7617, -160.0044

Details

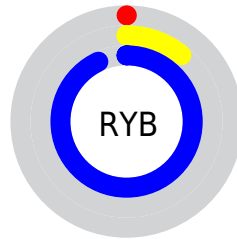
The Hex color **001FEC** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **ECCD00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7254FF**, and **0000B2** is the 20% darker color. If you saturate the color by 10%, you get **001FEC**, and if you desaturate by 10%, it is **1834EC**.

Distribution



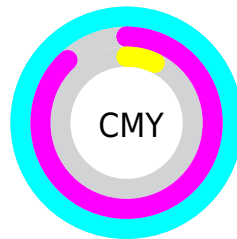
- Red (0%)
- Green (12%)
- Blue (93%)



- Red (0%)
- Yellow (11%)
- Blue (93%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (88%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001FEC 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 001FEC by changing the saturation by 10% instead.

 001FEC

 001FEC

FFFFFF

 0000CF

 7254FF

 0000B2

 956EFF

 000097

 B689FF

 00007B

 D7A4FF

 000F61

 F7C0FF

 000848

 FFD0FF

 000431

 FFF9FF

 00011B

 000000

 001FEC

 1834EC

 2F48EC

 475DEC

 5E71EC

 7686EC

 8E9AEC

 A5AFEC

 BDC3EC

 D4D8EC

Harmonies

Analogous

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



005BFF



001FEC



BA009E

Triad

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



001FEC



981300



006658

Complementary

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



001FEC



ECCD00

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.



006300



001FEC



504E00

Square

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



001FEC



C90000



005E00



0069B7

Rectangle

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



001FEC



D70061



005E00



006537

Sweetspot

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



001FEC



B3BDFE



00ECCD



525880



000000



808080

Same Dimension

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



001FEC



0021FF



5700EC



6A6B75



0018B5



000736

Inverse Universe

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



EC001F



FF0021



95EC00



756A6B



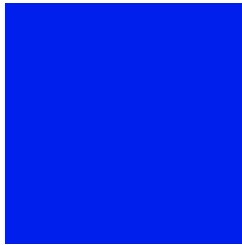
B50018



360007

Previews

White Background



This preview shows how the Hex color 001FEC looks on a white background.

Color Contrast Check

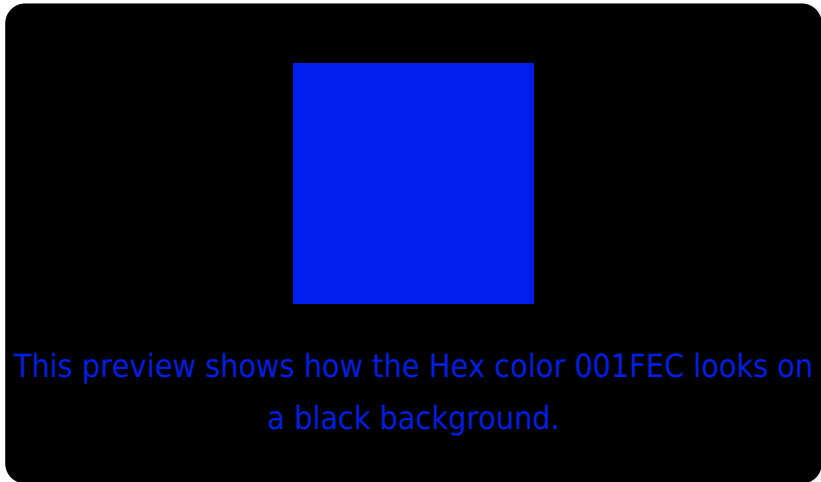
Large Text (above 18pt) WCAG AA ✓ Pass

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

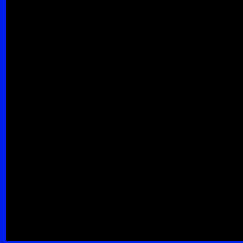
Any Text WCAG AA × Fail

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 001FEC Background



This preview shows how black text looks on a background with the Hex color 001FEC.



This preview shows how white text looks on a background with the Hex color 001FEC.

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
001FEC

Protanopia
004898

Deuteranopia
004D81

Trichromacy



Original Color
001FEC

Protanomaly
0039B7

Deuteranomaly
003CA8

Tritanomaly
00408D

Monochromacy



Original Color
001FEC

Achromatopsia
2D2D2D

Achromatomaly
1D2872

CSS Examples

Text

The CSS property to change the color of the text to Hex 001FEC 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 #001FEC looks like.

```
.text, #text, p{  
    color:#001FEC  
}
```

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 #001FEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001FEC
}
```

Border

The CSS property to change the border of an element to Hex 001FEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

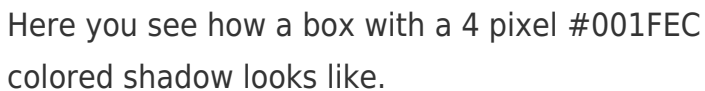
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001FEC }
```

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

```
.border{ border-color:#001FEC }
```

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



Here you see how a box with a 4 pixel #001FEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001FEC; -webkit-box-shadow:4px 4px  
4px 4px #001FEC; box-shadow:4px 4px 4px  
4px #001FEC }
```

Background

The CSS property to change the background color of an element to Hex 001FEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001FEC }
```

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

```
.background{ background-color:#001FEC }
```

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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