

Converting Colors

Hex(001EEB)

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

| | |
|--|----|
| Hex(001EEB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(001EEB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 001EEB |
| RGB | 0, 30, 235 |
| RGB Percent | 0%, 12%, 92% |
| CMY | 1.0000, 0.8824, 0.0784 |
| CMYK | 1.00, 0.87, 0.00, 0.08 |
| HSL | 232°, 100%, 46% |
| HSV | 232°, 100%, 92% |
| XYZ | 15.4597, 6.9267, 79.1194 |
| YIQ | 44.4000, -83.6850, 57.3950 |

Conversions

Conversions Part 2

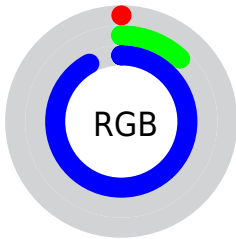
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 27, 235 |
| Decimal | 7915 |
| CIELab | 31.64, 67.59, -97.67 |
| CIELCh | 32, 118.776, 304.685 |
| Yxy | 6.9267, 0.1523, 0.0682 |
| Android (android.graphics.Color) | 4278197995 (0xFF001EEB) |
| YUV | 44.4000, 93.9658, -38.9388 |
| Hunter-Lab | 26.3186, 58.7940, -159.8154 |

Details

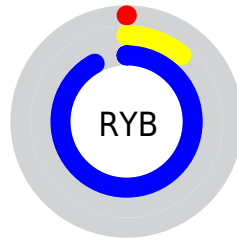
The Hex color **001EEB** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **EBCD00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7253FF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **001EEB**, and if you desaturate by 10%, it is **1733EB**.

Distribution



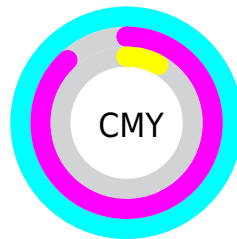
- Red (0%)
- Green (12%)
- Blue (92%)



- Red (0%)
- Yellow (11%)
- Blue (92%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (88%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 001EEB

 001EEB


FFFFFF

 0000CE

 7253FF

 0000B1

 956DFF

 000096

 B688FF

 00017A


 D7A3FF

 000F60

 F7BFFF

 000848

 FFDBFF

 000430

 FFF9FF

 00011A

 000000

 001EEB

 1733EB

 2F47EB

 475CEB

 5E70EB

 7685EB

 8D99EB

 A4AE EB

 BCC2EB

 D3D7EB

Harmonies

Analogous

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



005AFF



001EEB



B9009D

Triad

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



001EEB



971200



006558

Complementary

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



001EEB



EBCD00

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.



006200



001EEB



4F4D00

Square

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



001EEB



C80000



005D00



0068B6

Rectangle

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



001EEB



D60060



005D00



006437

Sweetspot

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



001EEB



B3BCFF



00EBCC



525780



000000



808080

Same Dimension

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



001EEB



0021FF



5600EB



6A6B75



0017B5



000736

Inverse Universe

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



EB001E



FF0021



95EB00



756A6B



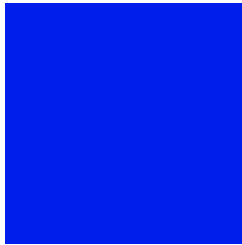
B50017



360007

Previews

White Background



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

Color Contrast Check

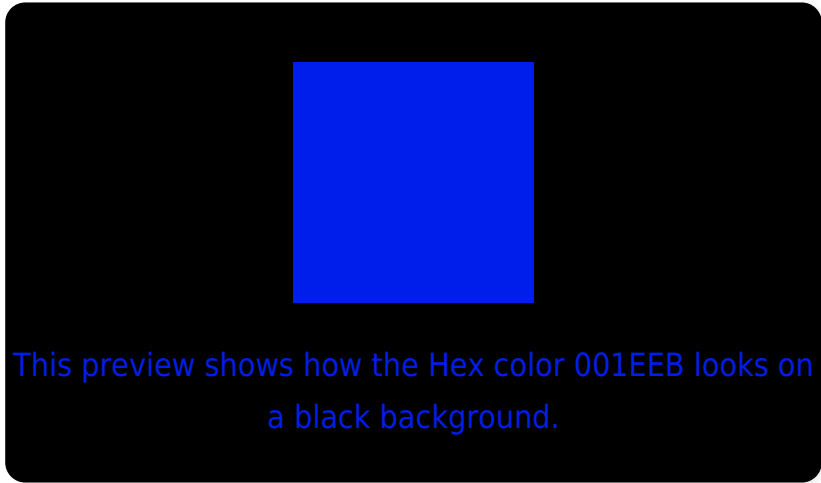
Large Text (above 18pt) WCAG AA ✓ Pass

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

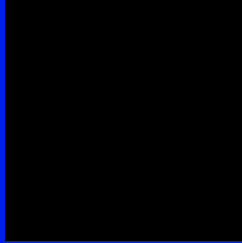
Any Text WCAG AA × Fail

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 001EEB Background



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



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

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
001EEB

Protanopia
004897

Deuteranopia
004D80

Trichromacy



Original Color
001EEB

Protanomaly
0039B6

Deuteranomaly
003CA7

Tritanomaly
00408C

Monochromacy



Original Color
001EEB

Achromatopsia
2C2C2C

Achromatomaly
1C2771

CSS Examples

Text

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

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

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 #001EEB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 001EEB 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
#001EEB }
```

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor