

Converting Colors

Hex(0D00EB)

Have a look what the booklet for
Hex(0D00EB) contains.

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Color

Hex(0D00EB)

Conversions

Conversions Part 1

Format	Color
Hex	0D00EB
RGB	13, 0, 235
RGB Percent	5%, 0%, 92%
CMY	0.9490, 1.0000, 0.0784
CMYK	0.94, 1.00, 0.00, 0.08
HSL	243°, 100%, 46%
HSV	243°, 100%, 92%
XYZ	15.1614, 6.0837, 78.9724
YIQ	30.6770, -67.6870, 75.8410

Conversions

Conversions Part 2

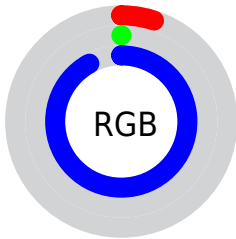
Format	Color
RYB	13, 0, 235
Decimal	852203
CIELab	29.62, 74.52, -101.03
CIElCh	30, 125.542, 306.410
Yxy	6.0837, 0.1513, 0.0607
Android (android.graphics.Color)	4279042283 (0xFF0D00EB)
YUV	30.6770, 100.7312, -15.5027
Hunter-Lab	24.6652, 66.5575, -172.5676

Details

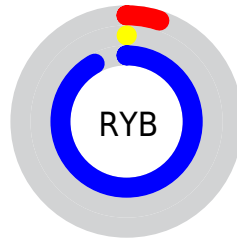
The Hex color **0D00EB** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **DEEB00**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7645FF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **0D00EB**, and if you desaturate by 10%, it is **2317EB**.

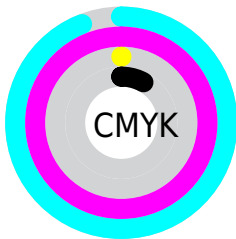
Distribution



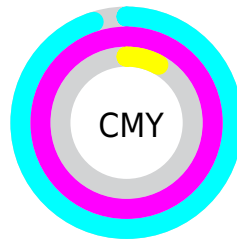
- Red (5%)
- Green (0%)
- Blue (92%)



- Red (5%)
- Yellow (0%)
- Blue (92%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D00EB 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 0D00EB by changing the saturation by 10% instead.

 0D00EB

 0D00EB

FFFFFF

 0000CE

 7645FF

 0000B1

 9860FF

 000095

 BA7BFF

 00027A

 DA97FF

 000F60

 FBB3FF

 000847

 FFCFFF

 000430

 FFECFF

 00011A

 000000

 0D00EB

 2317EB

 392FEB

 5047EB

 665EEB

 7C76EB

 928DEB

 A8A4EB

 BFBCEB

 D5D3EB

Harmonies

Analogous

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



0056FF



0D00EB



BD0097

Triad

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



0D00EB



900B00



00605A

Complementary

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



0D00EB



DEEB00

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.



005E00



0D00EB



434A00

Square

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



0D00EB



C50000



005900



0064BC

Rectangle

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



0D00EB



D80057



005900



005F37

Sweetspot

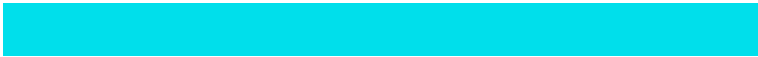
The Sweet Spot groups the original color and five complimentary colors.



0D00EB



B7B3FF



00DFEB



545280



000000



808080

Same Dimension

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



0D00EB



0E00FF



8100EB



6A6A75



0A00B5



030036

Inverse Universe

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



EB00DE



FF00F1



6AEB00



756A75



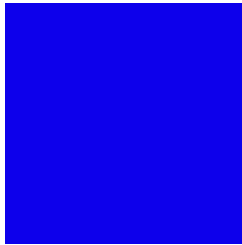
B500AB



360033

Previews

White Background



This preview shows how the Hex color 0D00EB looks on a white background.

Color Contrast Check

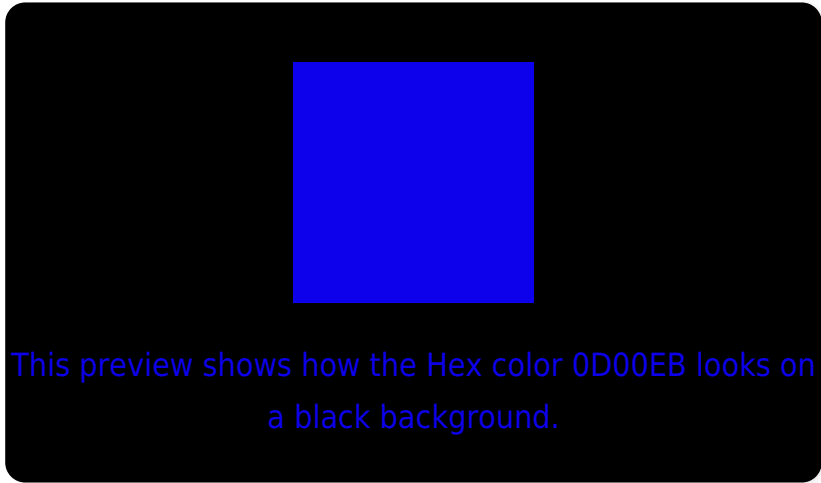
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D00EB Background



This preview shows how black text looks on a background with the Hex color 0D00EB.



This preview shows how white text looks on a background with the Hex color 0D00EB.

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
0D00EB

Protanopia
004590

Deuteranopia
004A7A



Tritanopia
004F53

Trichromacy



Original Color
0D00EB

Protanomaly
052CB1

Deuteranomaly
052FA3

Tritanomaly
05328A

Monochromacy



Original Color
0D00EB

Achromatopsia
1F1F1F

Achromatomaly
181469

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D00EB 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 #0D00EB looks like.

```
.text, #text, p{  
    color:#0D00EB  
}
```

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 #0D00EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D00EB
}
```

Border

The CSS property to change the border of an element to Hex 0D00EB 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
#0D00EB }
```

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

```
.border{ border-color:#0D00EB }
```

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

Here you see how a box with a 4 pixel #0D00EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D00EB; -webkit-box-shadow:4px 4px  
4px 4px #0D00EB; box-shadow:4px 4px 4px  
4px #0D00EB }
```

Background

The CSS property to change the background color of an element to Hex 0D00EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D00EB }
```

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

```
.background{ background-color:#0D00EB }
```

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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