

Converting Colors

Hex(0B0BEF)

Have a look what the booklet for
Hex(0B0BEF) contains.

Hex(0B0BEF)	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(0B0BEF)

Conversions

Conversions Part 1

Format	Color
Hex	0B0BEF
RGB	11, 11, 239
RGB Percent	4%, 4%, 94%
CMY	0.9569, 0.9569, 0.0627
CMYK	0.95, 0.95, 0.00, 0.06
HSL	240°, 91%, 49%
HSV	240°, 95%, 94%
XYZ	15.8377, 6.5425, 82.0894
YIQ	36.9920, -73.1880, 70.9080

Conversions

Conversions Part 2

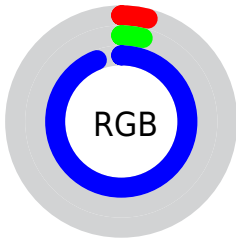
Format	Color
R_{YB}	11, 11, 239
Decimal	723951
CIE Lab	30.74, 73.67, -101.44
CIE LCh	31, 125.366, 305.988
Yxy	6.5425, 0.1516, 0.0626
Android (android.graphics.Color)	4278914031 (0xFF0B0BEF)
YUV	36.9920, 99.5899, -22.7950
Hunter-Lab	25.5783, 65.7624, -172.3770

Details

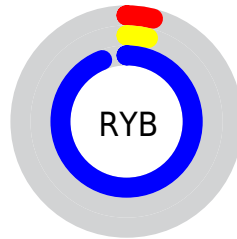
The Hex color **0B0BEF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **EFEF0B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7649FF**, and **0000B5** is the 20% darker color. If you saturate the color by 10%, you get **0000EF**, and if you desaturate by 10%, it is **2323EF**.

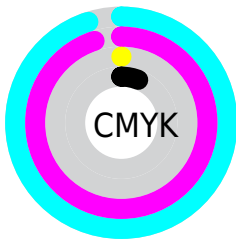
Distribution



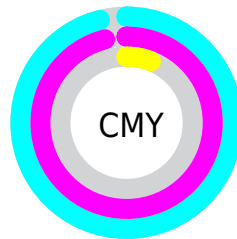
- Red (4%)
- Green (4%)
- Blue (94%)



- Red (4%)
- Yellow (4%)
- Blue (94%)



- Cyan (95%)
- Magenta (95%)
- Yellow (0%)
- Black (6%)



- Cyan (96%)
- Magenta (96%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0BEF 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 0B0BEF by changing the saturation by 10% instead.

 0B0BEF

 0B0BEF

FFFFFF

 0000D2

 7649FF

 0000B5

 9964FF

 000099

 BA7FFF

 00017E

 DB9BFF

 000F64

 FCB7FF

 00094B

 FFD3FF

 000433

 FFF1FF

 00021D

 000000

 0B0BEF

 0B0BEF

 0000EF

 2323EF

 3B3BEF

 5353EF

 6B6BEF

 8282EF

 9A9AEF

 B2B2EF

 CACA EF

 E2E2EF

Harmonies

Analogous

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



0059FF



0B0BEF



BF009B

Triad

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



0B0BEF



940D00



00635B

Complementary

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



0B0BEF



EFEF0B

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.



006100



0B0BEF



484D00

Square

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



0B0BEF



C90000



005C00



0067BE

Rectangle

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



0B0BEF



DB005B



005C00



006238

Sweetspot

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



0B0BEF



B5B5FF



0BEFEF



535380



000000



808080

Same Dimension

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



0B0BEF



0000FF



7D0BEF



6C6C78



0000B8



000038

Inverse Universe

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



EF0BEF



FF00FF



7DEF0B



786C78



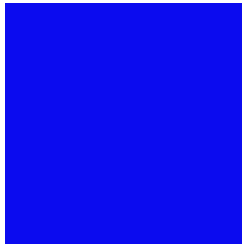
B800B8



380038

Previews

White Background



This preview shows how the Hex color 0B0BEF looks on a white background.

Color Contrast Check

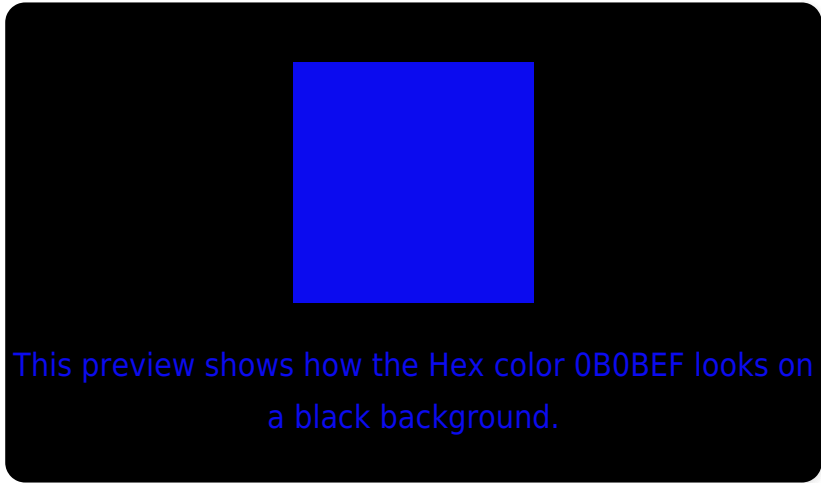
Large Text (above 18pt) WCAG AA ✓ Pass

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

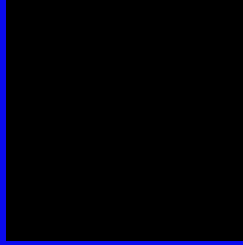
Any Text WCAG AA × Fail

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 0B0BEF Background



This preview shows how black text looks on a background with the Hex color 0B0BEF.



This preview shows how white text looks on a background with the Hex color 0B0BEF.

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
0B0BEF

Protanopia
004693

Deuteranopia
004B7D

Trichromacy



Original Color
0B0BEF

Protanomaly
0431B4

Deuteranomaly
0434A6

Tritanomaly
04388C

Monochromacy



Original Color
0B0BEF

Achromatopsia
252525

Achromatomaly
1C1C6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0BEF 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 #0B0BEF looks like.

```
.text, #text, p{  
    color:#0B0BEF  
}
```

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 #0B0BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0BEF
}
```

Border

The CSS property to change the border of an element to Hex 0B0BEF 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
#0B0BEF }
```

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

```
.border{ border-color:#0B0BEF }
```

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

Here you see how a box with a 4 pixel #0B0BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0BEF; -webkit-box-shadow:4px 4px  
4px 4px #0B0BEF; box-shadow:4px 4px 4px  
4px #0B0BEF }
```

Background

The CSS property to change the background color of an element to Hex 0B0BEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0BEF }
```

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

```
.background{ background-color:#0B0BEF }
```

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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