

Converting Colors

Hex(0C48EB)

Have a look what the booklet for
Hex(0C48EB) contains.

Hex(0C48EB)	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(0C48EB)

Conversions

Conversions Part 1

Format	Color
Hex	0C48EB
RGB	12, 72, 235
RGB Percent	5%, 28%, 92%
CMY	0.9529, 0.7176, 0.0784
CMYK	0.95, 0.69, 0.00, 0.08
HSL	224°, 90%, 48%
HSV	224°, 95%, 92%
XYZ	17.4644, 10.7111, 79.7442
YIQ	72.6420, -88.0830, 37.9730

Conversions

Conversions Part 2

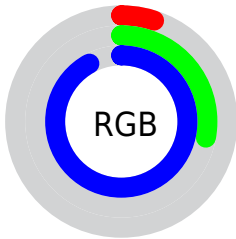
Format	Color
R _Y B	12, 59, 235
Decimal	805099
CIE Lab	39.09, 46.80, -85.30
CIE LCh	39, 97.292, 298.753
Yxy	10.7111, 0.1618, 0.0993
Android (android.graphics.Color)	4278995179 (0xFF0C48EB)
YUV	72.6420, 80.0425, -53.1830
Hunter-Lab	32.7277, 37.9787, -121.5563

Details

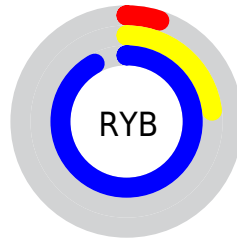
The Hex color **0C48EB** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **EBAF0C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7179FF**, and **001DB2** is the 20% darker color. If you saturate the color by 10%, you get **003FEB**, and if you desaturate by 10%, it is **2359EB**.

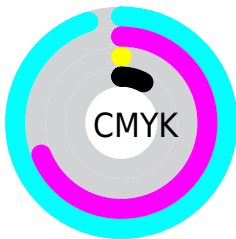
Distribution



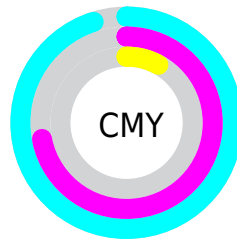
- Red (5%)
- Green (28%)
- Blue (92%)



- Red (5%)
- Yellow (23%)
- Blue (92%)



- Cyan (95%)
- Magenta (69%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (72%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C48EB 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 0C48EB by changing the saturation by 10% instead.

 0C48EB

 0C48EB

FFFFFF

 0032CE

 7179FF

 001DB2

 9293FF

 000C96

 B3ADFF


 00007B

 D3C9FF

 000F61

 F2E5FF

 000848

 000431

 00011B

 000000

■ 0C48EB

■ 0C48EB

■ 003FEB

■ 2359EB

■ 3B6AEB

■ 527CEB

■ 6A8DEB

■ 829EEB

■ 99AFEB

■ B1C0EB

■ C8D1EB

■ DFE3EB

Harmonies

Analogous

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



006AFF



0C48EB



B100B0

Triad

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



0C48EB



AE2C00



007757

Complementary

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



0C48EB



EBAF0C

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.



007400



0C48EB



745900

Square

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



0C48EB



D40017



126C00



0079A8

Rectangle

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



0C48EB



D2007D



126C00



00763A

Sweetspot

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



0C48EB



B8CBFF



0CEBAC



546080



000000



808080

Same Dimension

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



0C48EB



0045FF



3C0CEB



6A6D75



0031B5



000E36

Inverse Universe

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



EB0C48



FF0045



BBE80C



756A6D



B50031



36000E

Previews

White Background



This preview shows how the Hex color 0C48EB looks on a white background.

Color Contrast Check

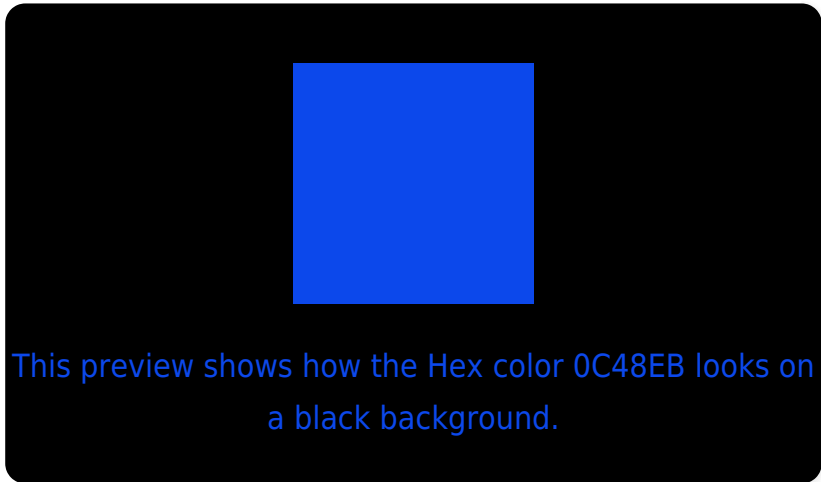
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

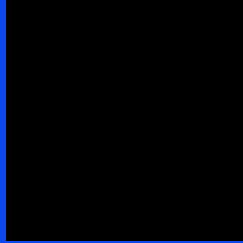
Any Text WCAG AA × Fail

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 0C48EB Background



This preview shows how black text looks on a background with the Hex color 0C48EB.



This preview shows how white text looks on a background with the Hex color 0C48EB.

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





Tritanopia
00656B

Trichromacy



Original Color
0C48EB

Protanomaly
0452CC

Deuteranomaly
0456BA

Tritanomaly
045A9A

Monochromacy



Original Color
0C48EB

Achromatopsia
494949

Achromatomaly
334984

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C48EB 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 #0C48EB looks like.

```
.text, #text, p{  
    color:#0C48EB  
}
```

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 #0C48EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C48EB
}
```

Border

The CSS property to change the border of an element to Hex 0C48EB 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
#0C48EB }
```

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

```
.border{ border-color:#0C48EB }
```

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

Here you see how a box with a 4 pixel #0C48EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C48EB; -webkit-box-shadow:4px 4px  
4px 4px #0C48EB; box-shadow:4px 4px 4px  
4px #0C48EB }
```

Background

The CSS property to change the background color of an element to Hex 0C48EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C48EB }
```

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

```
.background{ background-color:#0C48EB }
```

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