

Converting Colors

Hex(0C6AEE)

Have a look what the booklet for
Hex(0C6AEE) contains.

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Color

Hex(0C6AEE)

Conversions

Conversions Part 1

Format	Color
Hex	0C6AEE
RGB	12, 106, 238
RGB Percent	5%, 42%, 93%
CMY	0.9529, 0.5843, 0.0667
CMYK	0.95, 0.55, 0.00, 0.07
HSL	215°, 90%, 49%
HSV	215°, 95%, 93%
XYZ	20.7383, 16.5593, 82.9922
YIQ	92.9420, -98.3960, 21.1240

Conversions

Conversions Part 2

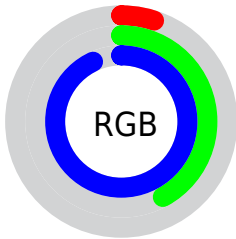
Format	Color
R _Y B	12, 78, 238
Decimal	813806
CIE Lab	47.70, 26.44, -72.87
CIE LCh	48, 77.515, 289.945
Yxy	16.5593, 0.1724, 0.1377
Android (android.graphics.Color)	4279003886 (0xFF0C6AEE)
YUV	92.9420, 71.5136, -70.9861
Hunter-Lab	40.6931, 19.7554, -92.4347

Details

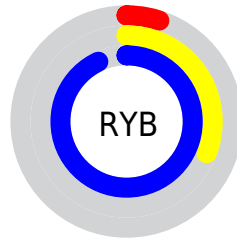
The Hex color **0C6AEE** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EE900C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6F9CFF**, and **003CB5** is the 20% darker color. If you saturate the color by 10%, you get **0063EE**, and if you desaturate by 10%, it is **2478EE**.

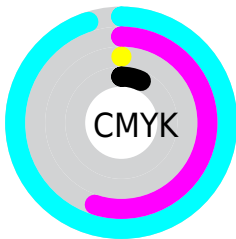
Distribution



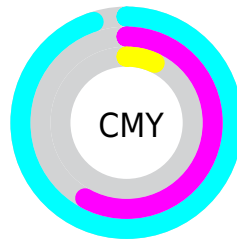
- Red (5%)
- Green (42%)
- Blue (93%)



- Red (5%)
- Yellow (31%)
- Blue (93%)



- Cyan (95%)
- Magenta (55%)
- Yellow (0%)
- Black (7%)



- Cyan (95%)
- Magenta (58%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C6AEE 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 0C6AEE by changing the saturation by 10% instead.

 0C6AEE

 0C6AEE

FFFFFF

 0052D1

 6F9CFF

 003CB5

 90B7FF

 002899

 B0D3FF

 00177F

 D0EFFF

 000465

 EFFFFFF

 00094C

 000434

 00021E

 000000

■ 0C6AEE

■ 0C6AEE

■ 0063EE

■ 2478EE

■ 3C86EE

■ 5394EE

■ 6BA2EE

■ 83B0EE

■ 9BBDEE

■ B3CBEE

■ CAD9EE

■ E2E7EE

Harmonies

Analogous

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



0080F4



0C6AEE



A745C7

Triad

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



0C6AEE



C84500



008B58

Complementary

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



0C6AEE



EE900C

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.



008605



0C6AEE



9C6700

Square

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



0C6AEE



DF0F49



617B00



008D9C

Rectangle

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



0C6AEE



CC22A0



617B00



008A41

Sweetspot

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



0C6AEE



B8D5FF



0CEE90



546680



000000



808080

Same Dimension

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



0C6AEE



006AFF



1F0CEE



6C7178



004CB8



001738

Inverse Universe

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



EE0C6A



FF006A



DBEE0C



786C71



B8004C



380017

Previews

White Background



This preview shows how the Hex color 0C6AEE looks on a white background.

Color Contrast Check

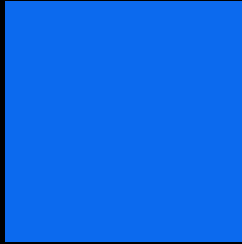
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0C6AEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

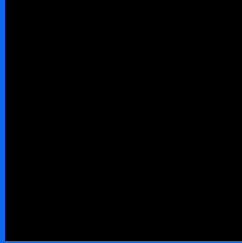
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

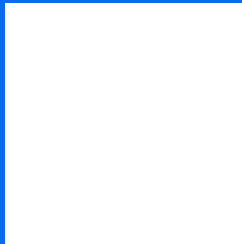
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0C6AEE Background



This preview shows how black text looks on a background with the Hex color 0C6AEE.



This preview shows how white text looks on a background with the Hex color 0C6AEE.

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
0C6AEE

Protanopia
006CE6

Deuteranopia
0073C6



Tritanopia
007D85

Trichromacy



Original Color
0C6AEE

Protanomaly
046BE9

Deuteranomaly
0470D5

Tritanomaly
0476AB

Monochromacy



Original Color
0C6AEE

Achromatopsia
5D5D5D

Achromatomaly
406292

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C6AEE 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 #0C6AEE looks like.

```
.text, #text, p{  
    color:#0C6AEE  
}
```

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 #0C6AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6AEE
}
```

Border

The CSS property to change the border of an element to Hex 0C6AEE 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
#0C6AEE }
```

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

```
.border{ border-color:#0C6AEE }
```

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

Here you see how a box with a 4 pixel #0C6AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6AEE; -webkit-box-shadow:4px 4px  
4px 4px #0C6AEE; box-shadow:4px 4px 4px  
4px #0C6AEE }
```

Background

The CSS property to change the background color of an element to Hex 0C6AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6AEE }
```

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

```
.background{ background-color:#0C6AEE }
```

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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