

Converting Colors

Hex(0C8EDD)

Have a look what the booklet for
Hex(0C8EDD) contains.

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Color

Hex(0C8EDD)

Conversions

Conversions Part 1

Format	Color
Hex	0C8EDD
RGB	12, 142, 221
RGB Percent	5%, 56%, 87%
CMY	0.9529, 0.4431, 0.1333
CMYK	0.95, 0.36, 0.00, 0.13
HSL	203°, 90%, 46%
HSV	203°, 95%, 87%
XYZ	22.8758, 24.6446, 71.9578
YIQ	112.1360, -102.8390, -2.9910

Conversions

Conversions Part 2

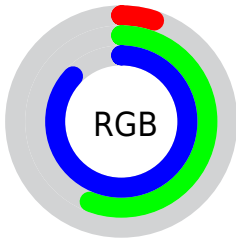
Format	Color
R _{YB}	12, 92, 221
Decimal	823005
CIE Lab	56.73, -2.46, -48.82
CIE LCh	57, 48.878, 267.109
Yxy	24.6446, 0.1915, 0.2063
Android (android.graphics.Color)	4279013085 (0xFF0C8EDD)
YUV	112.1360, 53.6700, -87.8193
Hunter-Lab	49.6434, -4.6227, -51.1902

Details

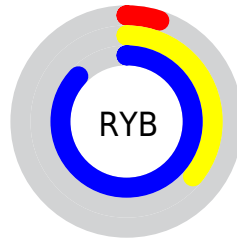
The Hex color **0C8EDD** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DD5B0C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **69C3FF**, and **005CA5** is the 20% darker color. If you saturate the color by 10%, you get **0089DD**, and if you desaturate by 10%, it is **2296DD**.

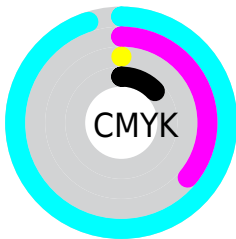
Distribution



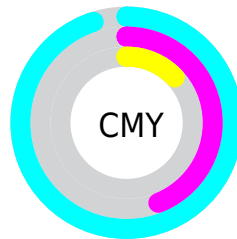
- Red (5%)
- Green (56%)
- Blue (87%)



- Red (5%)
- Yellow (36%)
- Blue (87%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (95%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C8EDD 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 0C8EDD by changing the saturation by 10% instead.

 0C8EDD

 0C8EDD

FFFFFF

 0075C1

 69C3FF

 005CA5

 8ADFFF

 00458B

 A9FCFF


 003071


 C8FFFF

 001C58

 E7FFFF

 000740

 000329

 000113

 000000

■ 0C8EDD

■ 0C8EDD

■ 0089DD

■ 2296DD

■ 389FDD

■ 4EA7DD

■ 64AFDD

■ 7BB8DD

■ 91C0DD

■ A7C8DD

■ BDD1DD

■ D3D9DD

Harmonies

Analogous

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



0098CF



0C8EDD



837FD4

Triad

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



0C8EDD



D56664



429958

Complementary

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



0C8EDD



DD5B0C

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.



799138



0C8EDD



C47441

Square

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



0C8EDD



D3638E



A3842E



009D82

Rectangle

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



0C8EDD



AA73C2



A3842E



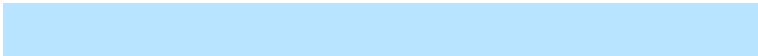
57974B

Sweetspot

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



0C8EDD



B8E4FF



0CDD59



546F80



000000



808080

Same Dimension

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



0C8EDD



009FFF



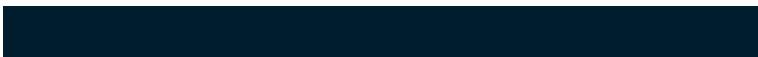
0C28DD



636A6E



006CAD



001D2E

Inverse Universe

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



DD0C8E



FF009F



DDC10C



6E636A



AD006C



2E001D

Previews

White Background



This preview shows how the Hex color 0C8EDD looks on a white 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

Black Background



This preview shows how the Hex color 0C8EDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

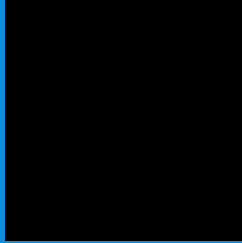
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

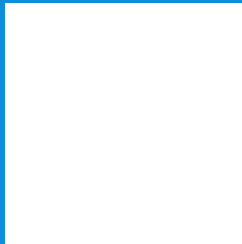
Any Text WCAG AAA × Fail

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

Hex 0C8EDD Background



This preview shows how black text looks on a background with the Hex color 0C8EDD.

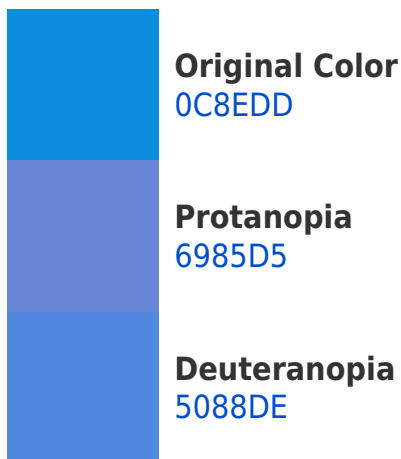


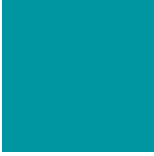
This preview shows how white text looks on a background with the Hex color 0C8EDD.

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
0096A1

Trichromacy



Original Color
0C8EDD



Protanomaly
4788D8



Deuteranomaly
378ADE



Tritanomaly
0493B7

Monochromacy



Original Color
0C8EDD



Achromatopsia
707070



Achromatomaly
4C7B98

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C8EDD 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 #0C8EDD looks like.

```
.text, #text, p{  
    color:#0C8EDD  
}
```

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 #0C8EDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8EDD
}
```

Border

The CSS property to change the border of an element to Hex 0C8EDD 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
#0C8EDD }
```

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

```
.border{ border-color:#0C8EDD }
```

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

Here you see how a box with a 4 pixel #0C8EDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8EDD; -webkit-box-shadow:4px 4px  
4px 4px #0C8EDD; box-shadow:4px 4px 4px  
4px #0C8EDD }
```

Background

The CSS property to change the background color of an element to Hex 0C8EDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8EDD }
```

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

```
.background{ background-color:#0C8EDD }
```

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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