

Converting Colors

Hex(0C78DB)

Have a look what the booklet for
Hex(0C78DB) contains.

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Color

Hex(0C78DB)

Conversions

Conversions Part 1

Format	Color
Hex	0C78DB
RGB	12, 120, 219
RGB Percent	5%, 47%, 86%
CMY	0.9529, 0.5294, 0.1412
CMYK	0.95, 0.45, 0.00, 0.14
HSL	209°, 90%, 45%
HSV	209°, 95%, 86%
XYZ	19.6543, 18.6256, 69.5770
YIQ	98.9940, -96.1470, 7.8930

Conversions

Conversions Part 2

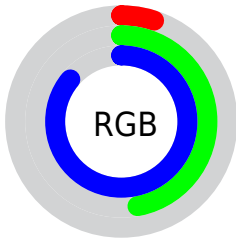
Format	Color
R_{YB}	12, 83, 219
Decimal	817371
CIE Lab	50.25, 10.13, -58.05
CIE LCh	50, 58.925, 279.897
Yxy	18.6256, 0.1822, 0.1727
Android (android.graphics.Color)	4279007451 (0xFF0C78DB)
YUV	98.9940, 59.1630, -76.2937
Hunter-Lab	43.1574, 5.7652, -65.3755

Details

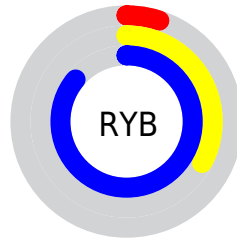
The Hex color **0C78DB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DB6F0C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **69ACFF**, and **0049A3** is the 20% darker color. If you saturate the color by 10%, you get **0072DB**, and if you desaturate by 10%, it is **2282DB**.

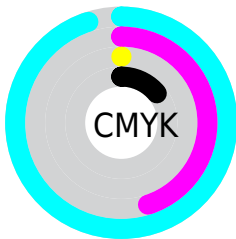
Distribution



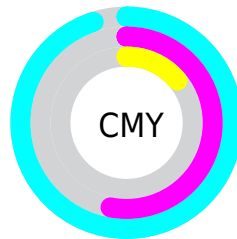
- Red (5%)
- Green (47%)
- Blue (86%)



- Red (5%)
- Yellow (33%)
- Blue (86%)



- Cyan (95%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (95%)
- Magenta (53%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C78DB 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 0C78DB by changing the saturation by 10% instead.

 0C78DB

 0C78DB

FFFFFF

 0060BF

 69ACFF

 0049A3

 89C7FF

 003388

 A8E3FF

 00206E

 C7FFFF

 000555

 E6FFFF

 00063D

 000326

 000110

 000000

■ 0C78DB

■ 0C78DB

■ 0072DB

■ 2282DB

■ 388DDB

■ 4E97DB

■ 64A2DB

■ 79ACDB

■ 8FB7DB

■ A5C1DB

■ BBCCDB

■ D1D6DB

Harmonies

Analogous

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



0086D6



0C78DB



8E62C5

Triad

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



0C78DB



C85239



008C53

Complementary

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



0C78DB



DB6F0C

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.



498622



0C78DB



AA690B

Square

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



0C78DB



D14369



807B00



008F87

Rectangle

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



0C78DB



B352AB



807B00



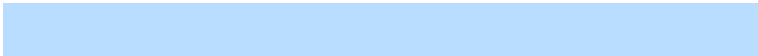
008B42

Sweetspot

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



0C78DB



B8DDFF



0CDB6D



546B80



000000



808080

Same Dimension

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



0C78DB



0085FF



0C13DB



63686E



005AAD



00182E

Inverse Universe

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



DB0C78



FF0085



DBD40C



6E6368



AD005A



2E0018

Previews

White Background



This preview shows how the Hex color 0C78DB looks on a white background.

Color Contrast Check

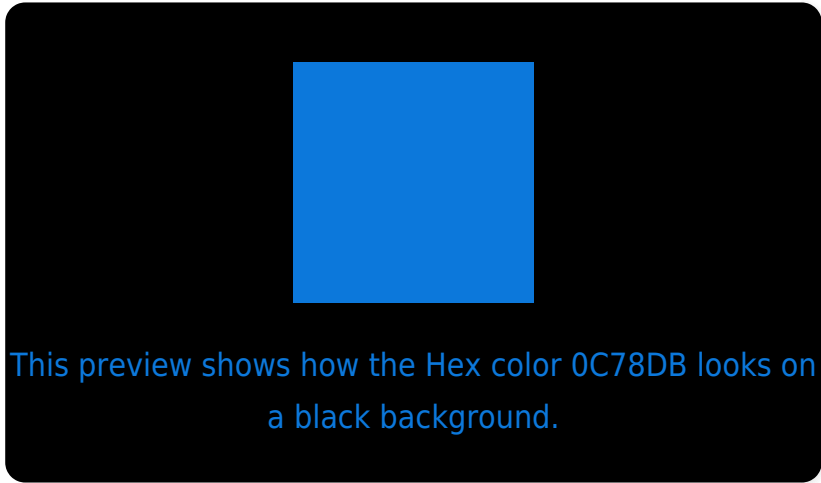
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 0C78DB Background



This preview shows how black text looks on a background with the Hex color 0C78DB.



This preview shows how white text looks on a background with the Hex color 0C78DB.

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](#).

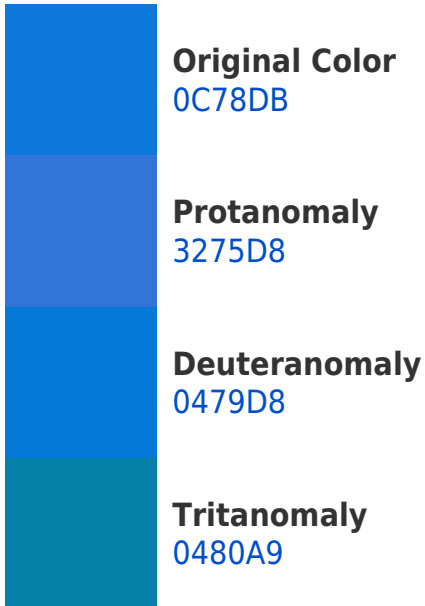
Dichromacy



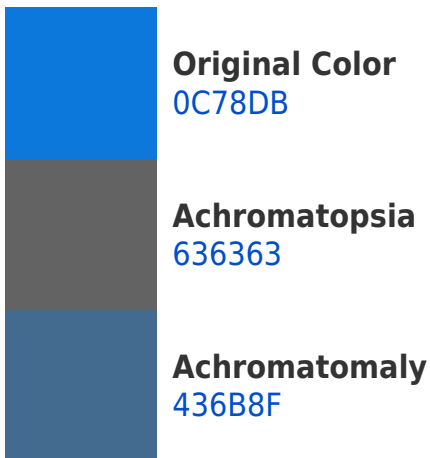


Tritanopia
00848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C78DB 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 #0C78DB looks like.

```
.text, #text, p{  
    color:#0C78DB  
}
```

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 #0C78DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C78DB
}
```

Border

The CSS property to change the border of an element to Hex 0C78DB 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
#0C78DB }
```

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

```
.border{ border-color:#0C78DB }
```

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

Here you see how a box with a 4 pixel #0C78DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C78DB; -webkit-box-shadow:4px 4px  
4px 4px #0C78DB; box-shadow:4px 4px 4px  
4px #0C78DB }
```

Background

The CSS property to change the background color of an element to Hex 0C78DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C78DB }
```

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

```
.background{ background-color:#0C78DB }
```

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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