

Converting Colors

Hex(0C87C2)

Have a look what the booklet for
Hex(0C87C2) contains.

Hex(0C87C2)	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(0C87C2)

Conversions

Conversions Part 1

Format	Color
Hex	0C87C2
RGB	12, 135, 194
RGB Percent	5%, 53%, 76%
CMY	0.9529, 0.4706, 0.2392
CMYK	0.94, 0.30, 0.00, 0.24
HSL	199°, 88%, 40%
HSV	199°, 94%, 76%
XYZ	18.5532, 21.3012, 54.1726
YIQ	104.9490, -92.2470, -7.7270

Conversions

Conversions Part 2

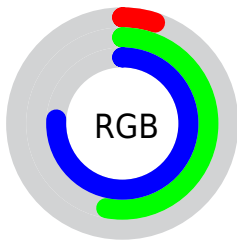
Format	Color
RYB	12, 85, 194
Decimal	821186
CIELab	53.28, -8.57, -39.03
CIELCh	53, 39.963, 257.622
Yxy	21.3012, 0.1973, 0.2265
Android (android.graphics.Color)	4279011266 (0xFF0C87C2)
YUV	104.9490, 43.9021, -81.5163
Hunter-Lab	46.1532, -9.0125, -37.2848

Details

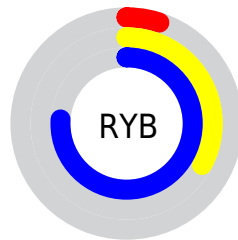
The Hex color **0C87C2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C2470C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **63BCFB**, and **00568C** is the 20% darker color. If you saturate the color by 10%, you get **0083C2**, and if you desaturate by 10%, it is **1F8DC2**.

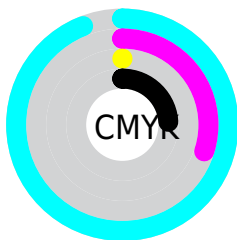
Distribution



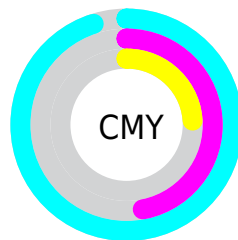
- Red (5%)
- Green (53%)
- Blue (76%)



- Red (5%)
- Yellow (33%)
- Blue (76%)



- Cyan (94%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C87C2 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 0C87C2 by changing the saturation by 10% instead.

0C87C2

0C87C2

FFFFFF

006EA7

63BCFB

00568C

82D8FF

003F72

A0F4FF

002959

BFFFFF

001541

DFFFFFF

00032B

FCFFFF

000115

000000

0C87C2

0C87C2

■ 0083C2

■ 1F8DC2

■ 3394C2

■ 469AC2

■ 5AA0C2

■ 6DA6C2

■ 80ADC2

■ 94B3C2

■ A7B9C2

■ BBC0C2

Harmonies

Analogous

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



008EB1



0C87C2



6B7CC1

Triad

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



0C87C2



C0636C



598C4F

Complementary

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



0C87C2



C2470C

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.



80843B



0C87C2



B76C4E

Square

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



0C87C2



B8648F



A0783B



1B906F

Rectangle

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



0C87C2



8E73B6



A0783B



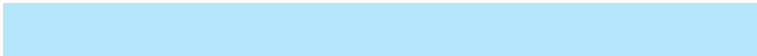
678947

Sweetspot

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



0C87C2



B6E6FC



0CC246



547180



000000



808080

Same Dimension

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



0C87C2



00ABFC



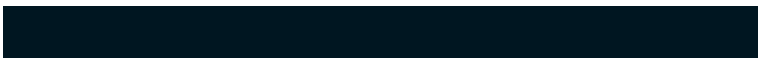
0C2DC2



575E61



006DA1



001621

Inverse Universe

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



C20C87



FC00AB



C2A10C



61575E



A1006D



210016

Previews

White Background



This preview shows how the Hex color 0C87C2 looks on a white background.

Color Contrast Check

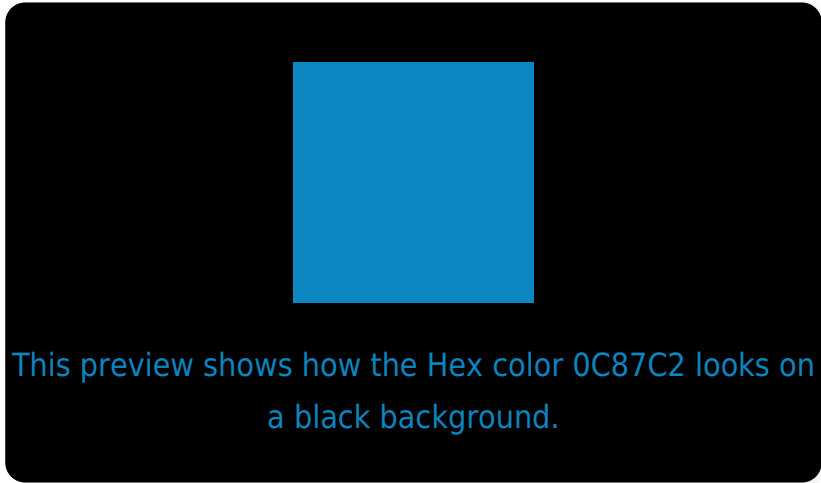
Large Text (above 18pt) WCAG AA ✓ Pass

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

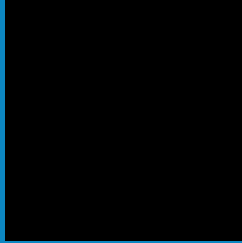
Any Text WCAG AA ✓ Pass

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 0C87C2 Background



This preview shows how black text looks on a background with the Hex color 0C87C2.

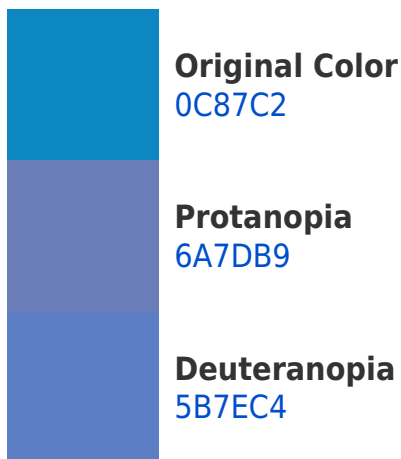


This preview shows how white text looks on a background with the Hex color 0C87C2.

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](#).

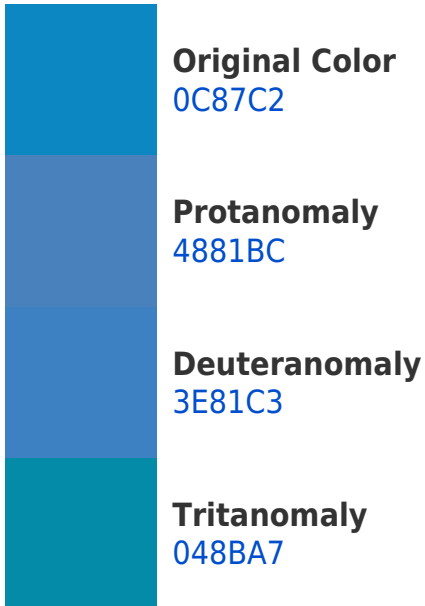
Dichromacy



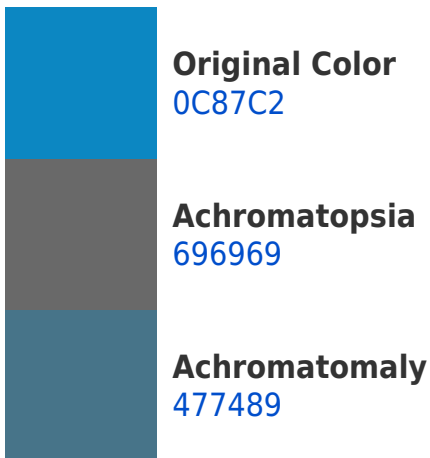


Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C87C2 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 #0C87C2 looks like.

```
.text, #text, p{  
    color:#0C87C2  
}
```

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 #0C87C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C87C2
}
```

Border

The CSS property to change the border of an element to Hex 0C87C2 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
#0C87C2 }
```

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

```
.border{ border-color:#0C87C2 }
```

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

Here you see how a box with a 4 pixel #0C87C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C87C2; -webkit-box-shadow:4px 4px  
4px 4px #0C87C2; box-shadow:4px 4px 4px  
4px #0C87C2 }
```

Background

The CSS property to change the background color of an element to Hex 0C87C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C87C2 }
```

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

```
.background{ background-color:#0C87C2 }
```

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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