

Converting Colors

Hex(0C72A6)

Have a look what the booklet for
Hex(0C72A6) contains.

Hex(0C72A6)	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(0C72A6)

Conversions

Conversions Part 1

Format	Color
Hex	0C72A6
RGB	12, 114, 166
RGB Percent	5%, 45%, 65%
CMY	0.9529, 0.5529, 0.3490
CMYK	0.93, 0.31, 0.00, 0.35
HSL	200°, 87%, 35%
HSV	200°, 93%, 65%
XYZ	13.0519, 14.8660, 38.2579
YIQ	89.4300, -77.4840, -5.4520

Conversions

Conversions Part 2

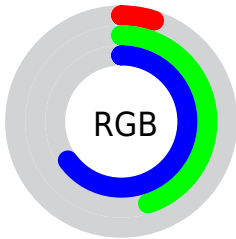
Format	Color
R_{YB}	12, 73, 166
Decimal	815782
CIE _{Lab}	45.45, -6.91, -35.18
CIE _{LCh}	45, 35.854, 258.882
Yxy	14.8660, 0.1972, 0.2246
Android (android.graphics.Color)	4279005862 (0xFF0C72A6)
YUV	89.4300, 37.7490, -67.9061
Hunter-Lab	38.5564, -7.0490, -31.8415

Details

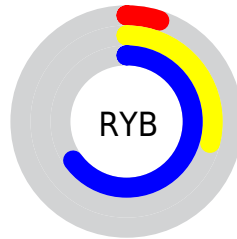
The Hex color **0C72A6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A6400C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5BA6DD**, and **004272** is the 20% darker color. If you saturate the color by 10%, you get **006EA6**, and if you desaturate by 10%, it is **1D78A6**.

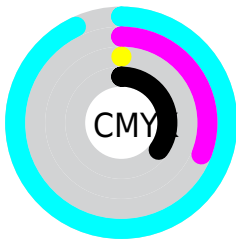
Distribution



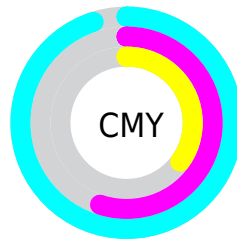
- Red (5%)
- Green (45%)
- Blue (65%)



- Red (5%)
- Yellow (29%)
- Blue (65%)



- Cyan (93%)
- Magenta (31%)
- Yellow (0%)
- Black (35%)



- Cyan (95%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C72A6 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 0C72A6 by changing the saturation by 10% instead.

0C72A6

0C72A6

FFFFFF

005A8B

5BA6DD

004272

79C1FA

002D59

96DDFF

001941

B4F9FF

00032B

D1FFFF

000115

EFFFFF

000000

0C72A6

0C72A6

006EA6

1D78A6

■ 2D7DA6

■ 3E83A6

■ 4E88A6

■ 5F8EA6

■ 7094A6

■ 8099A6

■ 919FA6

■ A1A4A6

Harmonies

Analogous

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



007898



0C72A6



5C68A4

Triad

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



0C72A6



A4535A



487743

Complementary

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



0C72A6



A6400C

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.



6B7031



0C72A6



9B5B40

Square

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



0C72A6



9E5478



876630



0D7A5F

Rectangle

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



0C72A6



7A609A



876630



55753B

Sweetspot

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



0C72A6



9CC4D9



0CA63F



48616E



EDEDED



6E6E6E

Same Dimension

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



0C72A6



0090D9



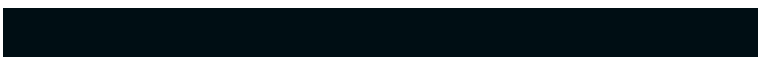
0C26A6



4C5154



006294



000E14

Inverse Universe

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



A60C72



D90090



A68C0C



544C51



940062



14000E

Previews

White Background



This preview shows how the Hex color 0C72A6 looks on a white background.

Color Contrast Check

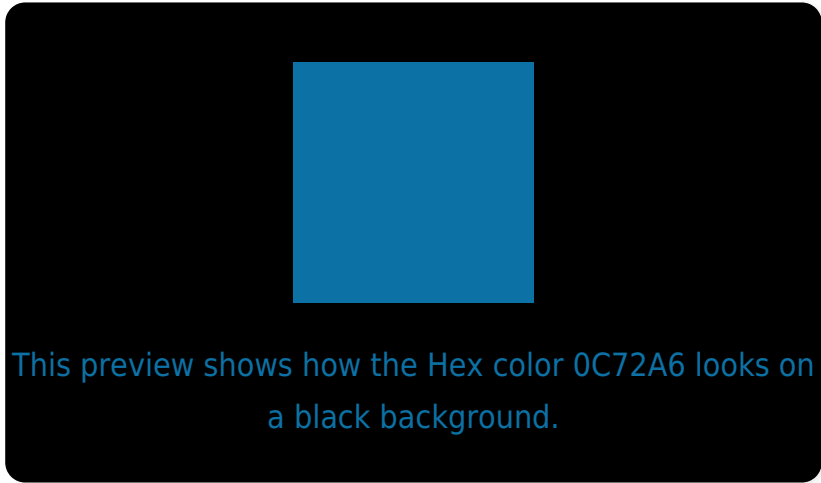
Large Text (above 18pt) WCAG AA ✓ Pass

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

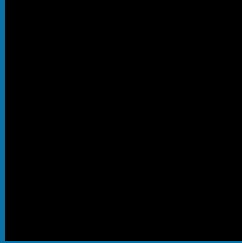
Any Text WCAG AA × Fail

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 0C72A6 Background



This preview shows how black text looks on a background with the Hex color 0C72A6.



This preview shows how white text looks on a background with the Hex color 0C72A6.

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](#).

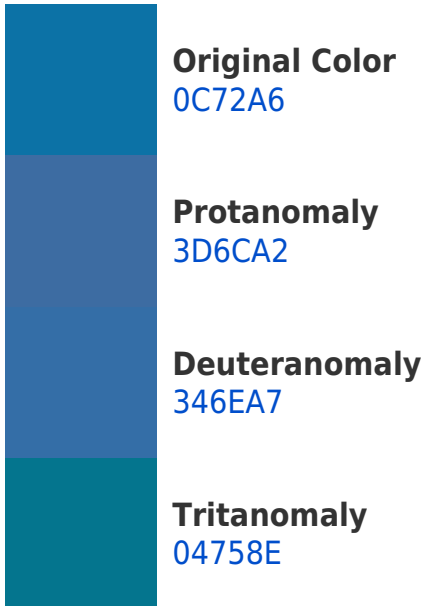
Dichromacy



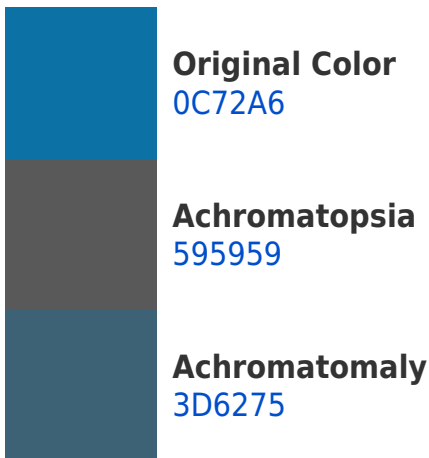


Tritanopia
007780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C72A6 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 #0C72A6 looks like.

```
.text, #text, p{  
    color:#0C72A6  
}
```

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 #0C72A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C72A6
}
```

Border

The CSS property to change the border of an element to Hex 0C72A6 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
#0C72A6 }
```

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

```
.border{ border-color:#0C72A6 }
```

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

Here you see how a box with a 4 pixel #0C72A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C72A6; -webkit-box-shadow:4px 4px  
4px 4px #0C72A6; box-shadow:4px 4px 4px  
4px #0C72A6 }
```

Background

The CSS property to change the background color of an element to Hex 0C72A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C72A6 }
```

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

```
.background{ background-color:#0C72A6 }
```

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