

Converting Colors

Hex(0B7CA6)

Have a look what the booklet for
Hex(0B7CA6) contains.

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Color

Hex(0B7CA6)

Conversions

Conversions Part 1

Format	Color
Hex	0B7CA6
RGB	11, 124, 166
RGB Percent	4%, 49%, 65%
CMY	0.9569, 0.5137, 0.3490
CMYK	0.93, 0.25, 0.00, 0.35
HSL	196°, 88%, 35%
HSV	196°, 93%, 65%
XYZ	14.2286, 17.2396, 38.6540
YIQ	95.0010, -80.8300, -10.8940

Conversions

Conversions Part 2

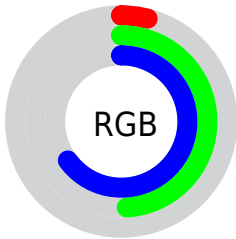
Format	Color
RYB	11, 76, 166
Decimal	752806
CIELab	48.56, -12.79, -30.30
CIELCh	49, 32.892, 247.116
Yxy	17.2396, 0.2029, 0.2459
Android (android.graphics.Color)	4278942886 (0xFF0B7CA6)
YUV	95.0010, 35.0025, -73.6689
Hunter-Lab	41.5206, -11.4914, -26.1322

Details

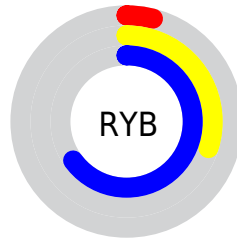
The Hex color **0B7CA6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A6350B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5CB1DD**, and **004B72** is the 20% darker color. If you saturate the color by 10%, you get **0079A6**, and if you desaturate by 10%, it is **1C80A6**.

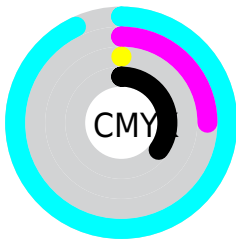
Distribution



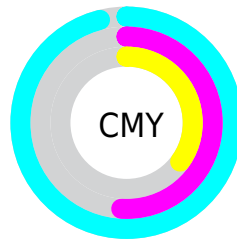
- Red (4%)
- Green (49%)
- Blue (65%)



- Red (4%)
- Yellow (30%)
- Blue (65%)



- Cyan (93%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (96%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7CA6 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 0B7CA6 by changing the saturation by 10% instead.

0B7CA6

0B7CA6

FFFFFF

00638B

5CB1DD

004B72

7ACCFA

003559

97E8FF

002041

B4FFFF

00032B

D2FFFF

000116

F0FFFF

000000

0B7CA6

0B7CA6

0079A6

1C80A6

■ 2C85A6

■ 3D89A6

■ 4D8EA6

■ 5E92A6

■ 6F97A6

■ 7F9BA6

■ 90A0A6

■ A0A4A6

Harmonies

Analogous

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



008194



0B7CA6



5374AA

Triad

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



0B7CA6



A85D6E



617B46

Complementary

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



0B7CA6



A6350B

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.



7E743B



0B7CA6



A66153

Square

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



0B7CA6



9B608A



966A40



3C805D

Rectangle

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



0B7CA6



726DA5



966A40



6B7940

Sweetspot

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



0B7CA6



9CC8D9



0BA634



48646E



EDEDED



6E6E6E

Same Dimension

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



0B7CA6



009ED9



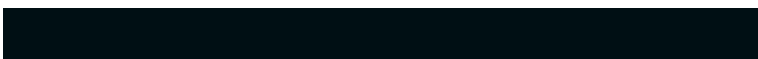
0B2FA6



4C5254



006C94



000F14

Inverse Universe

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



A60B7C



D9009E



A6820B



544C52



94006C



14000F

Previews

White Background



This preview shows how the Hex color 0B7CA6 looks on a white background.

Color Contrast Check

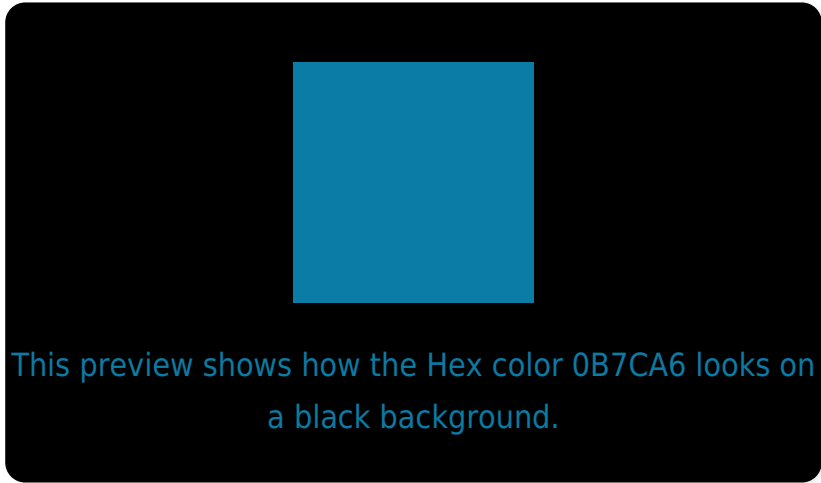
Large Text (above 18pt) WCAG AA ✓ Pass

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

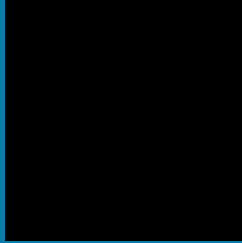
Any Text WCAG AA × Fail

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 0B7CA6 Background



This preview shows how black text looks on a background with the Hex color 0B7CA6.

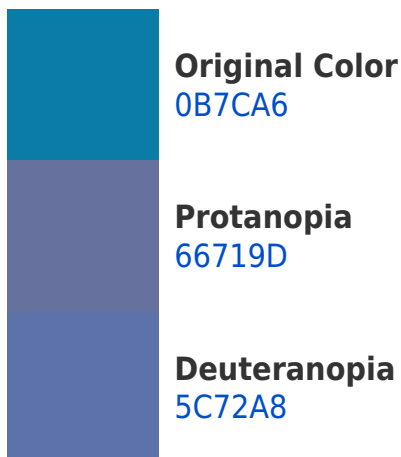


This preview shows how white text looks on a background with the Hex color 0B7CA6.

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





Trichromacy



Original Color
0B7CA6



Protanomaly
4575A0



Deuteranomaly
3F76A7



Tritanomaly
047F94

Monochromacy



Original Color
0B7CA6



Achromatopsia
5F5F5F



Achromatomaly
406A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7CA6 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 #0B7CA6 looks like.

```
.text, #text, p{  
    color:#0B7CA6  
}
```

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 #0B7CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7CA6
}
```

Border

The CSS property to change the border of an element to Hex 0B7CA6 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
#0B7CA6 }
```

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

```
.border{ border-color:#0B7CA6 }
```

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

Here you see how a box with a 4 pixel #0B7CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7CA6; -webkit-box-shadow:4px 4px  
4px 4px #0B7CA6; box-shadow:4px 4px 4px  
4px #0B7CA6 }
```

Background

The CSS property to change the background color of an element to Hex 0B7CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7CA6 }
```

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

```
.background{ background-color:#0B7CA6 }
```

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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