

Converting Colors

Hex(0C7AB3)

Have a look what the booklet for
Hex(0C7AB3) contains.

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Color

Hex(0C7AB3)

Conversions

Conversions Part 1

Format	Color
Hex	0C7AB3
RGB	12, 122, 179
RGB Percent	5%, 48%, 70%
CMY	0.9529, 0.5216, 0.2980
CMYK	0.93, 0.32, 0.00, 0.30
HSL	200°, 87%, 37%
HSV	200°, 93%, 70%
XYZ	15.2478, 17.2519, 45.1741
YIQ	95.6080, -83.8570, -5.5930

Conversions

Conversions Part 2

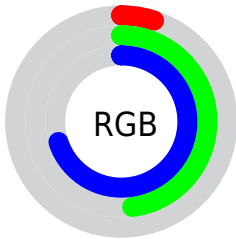
Format	Color
R_{YB}	12, 78, 179
Decimal	817843
CIE _{Lab}	48.58, -6.66, -37.83
CIE _{LCh}	49, 38.412, 260.011
Yxy	17.2519, 0.1963, 0.2221
Android (android.graphics.Color)	4279007923 (0xFF0C7AB3)
YUV	95.6080, 41.1123, -73.3242
Hunter-Lab	41.5354, -7.1588, -35.4093

Details

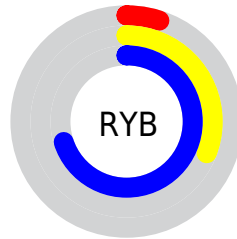
The Hex color **0C7AB3** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B3450C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5FAEEB**, and **004A7E** is the 20% darker color. If you saturate the color by 10%, you get **0076B3**, and if you desaturate by 10%, it is **1E80B3**.

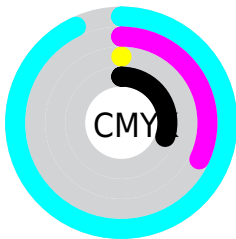
Distribution



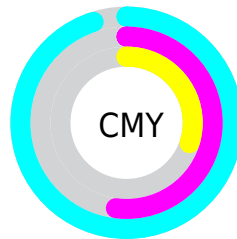
- Red (5%)
- Green (48%)
- Blue (70%)



- Red (5%)
- Yellow (31%)
- Blue (70%)



- Cyan (93%)
- Magenta (32%)
- Yellow (0%)
- Black (30%)



- Cyan (95%)
- Magenta (52%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7AB3 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 0C7AB3 by changing the saturation by 10% instead.

0C7AB3

0C7AB3

FFFFFF

006198

5FAEEB

004A7E

7DCAFF

003365

9BE6FF

001F4C

B9FFFF

000535

D7FFFF

00021F

F5FFFF

000002

000000

0C7AB3

0C7AB3

■ 0076B3

■ 1E80B3

■ 3086B3

■ 428CB3

■ 5492B3

■ 6699B3

■ 779FB3

■ 89A5B3

■ 9BABB3

■ ADB1B3

Harmonies

Analogous

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



0081A4



0C7AB3



646FB0

Triad

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



0C7AB3



B0595F



4B7F48

Complementary

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



0C7AB3



B3450C

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.



717834



0C7AB3



A66243

Square

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



0C7AB3



AA5980



906E32



008367

Rectangle

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



0C7AB3



8467A5



906E32



597D40

Sweetspot

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



0C7AB3



A7D2E8



0CB344



4D6875



F5F5F5



757575

Same Dimension

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



0C7AB3



0099E8



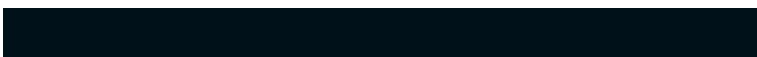
0C28B3



505659



006599



00111A

Inverse Universe

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



B30C7A



E80099



B3970C



595056



990065



1A0011

Previews

White Background



This preview shows how the Hex color 0C7AB3 looks on a white background.

Color Contrast Check

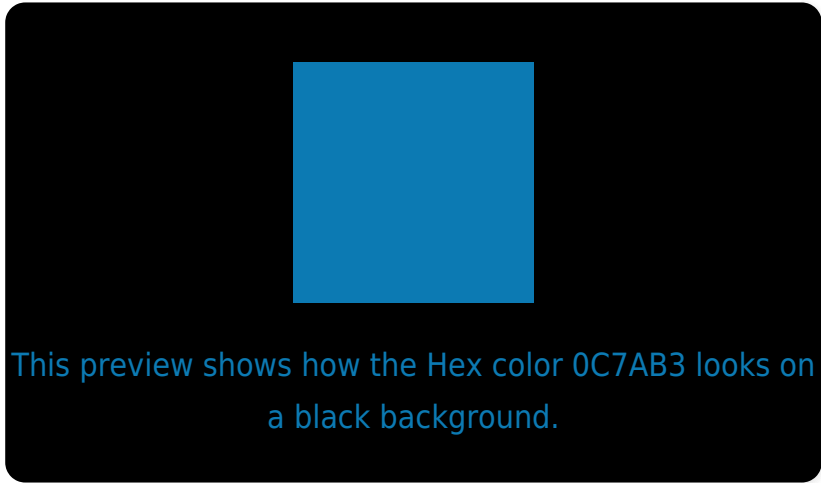
Large Text (above 18pt) WCAG AA ✓ Pass

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

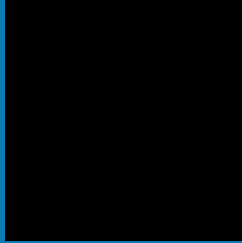
Any Text WCAG AA × Fail

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 0C7AB3 Background



This preview shows how black text looks on a background with the Hex color 0C7AB3.

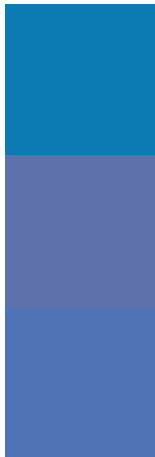


This preview shows how white text looks on a background with the Hex color 0C7AB3.

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



Original Color
0C7AB3

Protanopia
5F71AB

Deuteranopia
4F73B5

Trichromacy



Original Color
0C7AB3

Protanomaly
4174AE

Deuteranomaly
3776B4

Monochromacy



Original Color
0C7AB3

Achromatopsia
606060

Achromatomaly
41697E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7AB3 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 #0C7AB3 looks like.

```
.text, #text, p{  
    color:#0C7AB3  
}
```

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 #0C7AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7AB3
}
```

Border

The CSS property to change the border of an element to Hex 0C7AB3 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
#0C7AB3 }
```

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

```
.border{ border-color:#0C7AB3 }
```

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

Here you see how a box with a 4 pixel #0C7AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7AB3; -webkit-box-shadow:4px 4px  
4px 4px #0C7AB3; box-shadow:4px 4px 4px  
4px #0C7AB3 }
```

Background

The CSS property to change the background color of an element to Hex 0C7AB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7AB3 }
```

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

```
.background{ background-color:#0C7AB3 }
```

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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