

Converting Colors

Hex(0C80A5)

Have a look what the booklet for
Hex(0C80A5) contains.

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Color

Hex(0C80A5)

Conversions

Conversions Part 1

Format	Color
Hex	0C80A5
RGB	12, 128, 165
RGB Percent	5%, 50%, 65%
CMY	0.9529, 0.4980, 0.3529
CMYK	0.93, 0.22, 0.00, 0.35
HSL	195°, 86%, 35%
HSV	195°, 93%, 65%
XYZ	14.6623, 18.2331, 38.3439
YIQ	97.5340, -81.0130, -13.0850

Conversions

Conversions Part 2

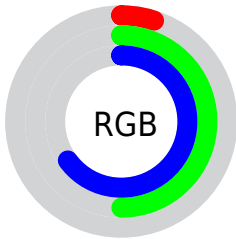
Format	Color
RYB	12, 78, 165
Decimal	819365
CIELab	49.78, -15.37, -27.83
CIElCh	50, 31.786, 241.091
Yxy	18.2331, 0.2058, 0.2559
Android (android.graphics.Color)	4279009445 (0xFF0C80A5)
YUV	97.5340, 33.2607, -75.0133
Hunter-Lab	42.7003, -13.4325, -23.3509

Details

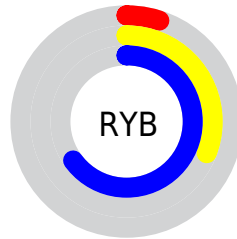
The Hex color **0C80A5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A5310C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5CB5DC**, and **004F71** is the 20% darker color. If you saturate the color by 10%, you get **007DA5**, and if you desaturate by 10%, it is **1C84A5**.

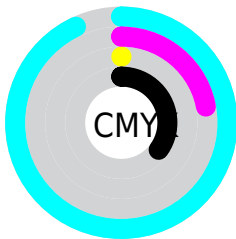
Distribution



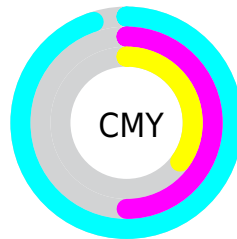
- Red (5%)
- Green (50%)
- Blue (65%)



- Red (5%)
- Yellow (31%)
- Blue (65%)



- Cyan (93%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (95%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C80A5 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 0C80A5 by changing the saturation by 10% instead.

0C80A5

0C80A5

FFFFFF

00678B

5CB5DC

004F71

7AD0F9

003858

97EDFF

002241

B5FFFF

00032B

D3FFFF

000115

F1FFFF

000000

0C80A5

0C80A5

007DA5

1C84A5

■ 2D88A5

■ 3D8CA5

■ 4E90A5

■ 5E94A5

■ 6F98A5

■ 7F9CA5

■ 90A0A5

■ A0A4A5

Harmonies

Analogous

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



008491



0C80A5



4F79AC

Triad

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



0C80A5



A96176



6B7D47

Complementary

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



0C80A5



A5310C

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.



877540



0C80A5



A9645C

Square

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



0C80A5



996691



9D6C48



4A825B

Rectangle

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



0C80A5



6D72A9



9D6C48



747B43

Sweetspot

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



0C80A5



9AC8D6



0CA530



47626B



EBEBEB



6B6B6B

Same Dimension

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



0C80A5



00A2D6



0C35A5



495052



006E91



000E12

Inverse Universe

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



A50C80



D600A2



A57C0C



524950



91006E



12000E

Previews

White Background



This preview shows how the Hex color 0C80A5 looks on a white background.

Color Contrast Check

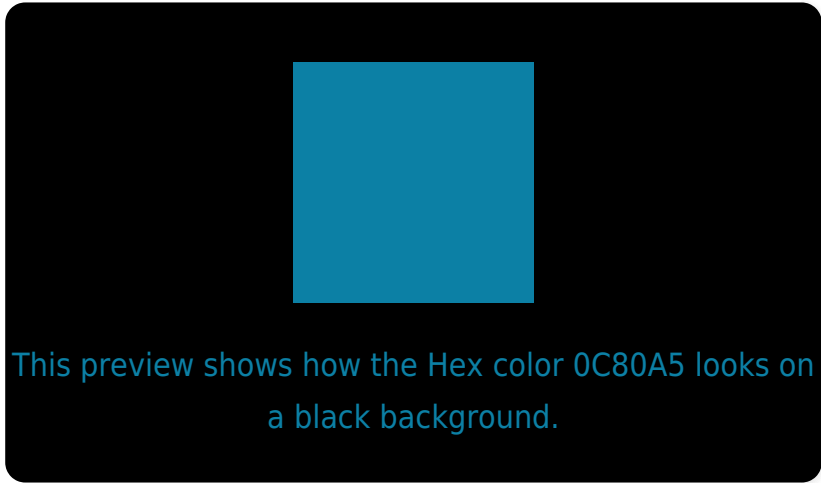
Large Text (above 18pt) WCAG AA ✓ Pass

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

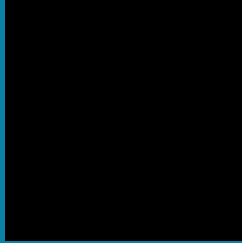
Any Text WCAG AA ✓ Pass

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 0C80A5 Background



This preview shows how black text looks on a background with the Hex color 0C80A5.

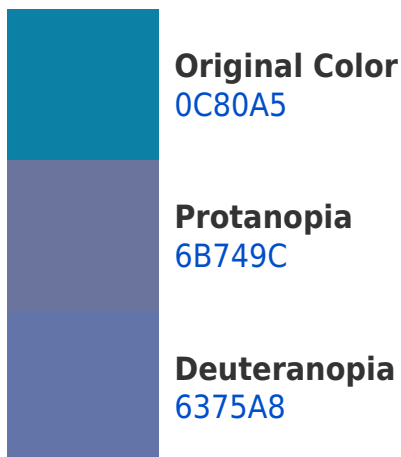


This preview shows how white text looks on a background with the Hex color 0C80A5.

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
00838D

Trichromacy



Original Color
0C80A5



Protanomaly
48789F



Deuteranomaly
4379A7



Tritanomaly
048296

Monochromacy



Original Color
0C80A5



Achromatopsia
626262



Achromatomaly
436D7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C80A5 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 #0C80A5 looks like.

```
.text, #text, p{  
    color:#0C80A5  
}
```

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 #0C80A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C80A5
}
```

Border

The CSS property to change the border of an element to Hex 0C80A5 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
#0C80A5 }
```

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

```
.border{ border-color:#0C80A5 }
```

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

Here you see how a box with a 4 pixel #0C80A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C80A5; -webkit-box-shadow:4px 4px  
4px 4px #0C80A5; box-shadow:4px 4px 4px  
4px #0C80A5 }
```

Background

The CSS property to change the background color of an element to Hex 0C80A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C80A5 }
```

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

```
.background{ background-color:#0C80A5 }
```

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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