

Converting Colors

Hex(0AC7B6)

Have a look what the booklet for
Hex(0AC7B6) contains.

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Color

Hex(0AC7B6)

Conversions

Conversions Part 1

Format	Color
Hex	0AC7B6
RGB	10, 199, 182
RGB Percent	4%, 78%, 71%
CMY	0.9608, 0.2196, 0.2863
CMYK	0.95, 0.00, 0.09, 0.22
HSL	175°, 90%, 41%
HSV	175°, 95%, 78%
XYZ	28.9921, 44.2888, 51.2765
YIQ	140.5510, -107.1870, -45.3550

Conversions

Conversions Part 2

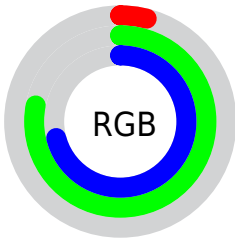
Format	Color
RYB	10, 109, 199
Decimal	706486
CIELab	72.42, -44.55, -3.15
CIELCh	72, 44.660, 184.047
Yxy	44.2888, 0.2328, 0.3556
Android (android.graphics.Color)	4278896566 (0xFF0AC7B6)
YUV	140.5510, 20.4344, -114.4932
Hunter-Lab	66.5498, -38.6995, 0.9020

Details

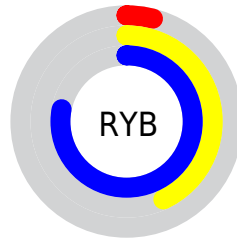
The Hex color **0AC7B6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C70A1B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **69FFEE**, and **009081** is the 20% darker color. If you saturate the color by 10%, you get **00C7B5**, and if you desaturate by 10%, it is **1EC7B8**.

Distribution



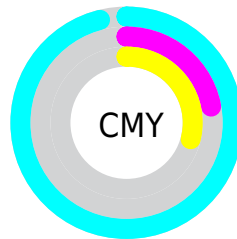
- Red (4%)
- Green (78%)
- Blue (71%)



- Red (4%)
- Yellow (43%)
- Blue (78%)



- Cyan (95%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (96%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AC7B6 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 0AC7B6 by changing the saturation by 10% instead.

 0AC7B6

 0AC7B6

FFFFFF

 00AB9B

 69FFEE

 009081

 89FFFF

 007668

 A9FFFF

 005C50

 C8FFFF

 004439

 E7FFFF

 002D24

 00100F

 000000

 0AC7B6

 0AC7B6

■ 00C7B5

■ 1EC7B8

■ 32C7BA

■ 46C7BB

■ 5AC7BD

■ 6EC7BF

■ 81C7C1

■ 95C7C3

■ A9C7C4

■ BDC7C6

Harmonies

Analogous

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



67C48C



0AC7B6



00C6DE

Triad

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



0AC7B6



BDA5F5



E8A369

Complementary

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



0AC7B6



C70A1B

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.



FD9686



0AC7B6



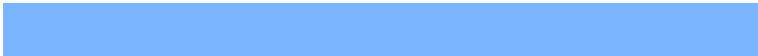
E997D6

Square

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



0AC7B6



7BB4FF



FE91AE



C6B15F

Rectangle

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



0AC7B6



00C2F3



FE91AE



F19E71

Sweetspot

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



0AC7B6



B8FFF9



1DC70A



54807C



000000



808080

Same Dimension

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



0AC7B6



00FFE8



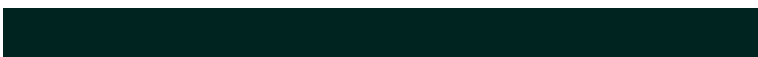
0A7BC7



5A6363



00A395



002420

Inverse Universe

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



C70A1B



FF0017



C7560A



635A5A



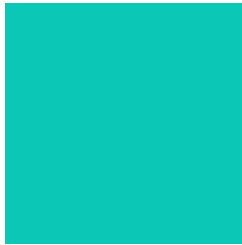
A3000F



240003

Previews

White Background



This preview shows how the Hex color 0AC7B6 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0AC7B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

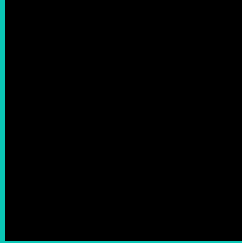
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

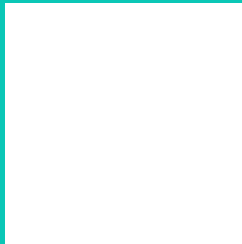
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0AC7B6 Background



This preview shows how black text looks on a background with the Hex color 0AC7B6.

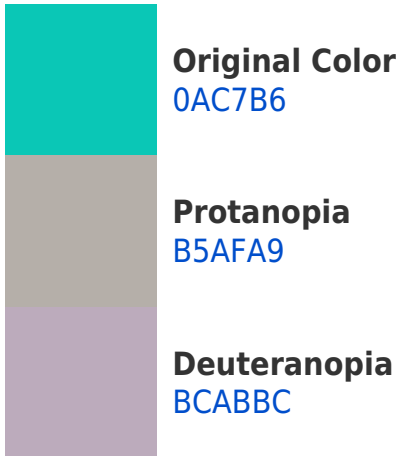


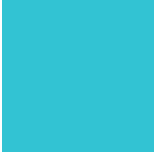
This preview shows how white text looks on a background with the Hex color 0AC7B6.

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
32C3D3

Trichromacy



Original Color
0AC7B6



Protanomaly
77B8AE



Deuteranomaly
7BB5BA



Tritanomaly
23C4C8

Monochromacy



Original Color
0AC7B6



Achromatopsia
8D8D8D



Achromatomaly
5DA29C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AC7B6 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 #0AC7B6 looks like.

```
.text, #text, p{  
    color:#0AC7B6  
}
```

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 #0AC7B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AC7B6
}
```

Border

The CSS property to change the border of an element to Hex 0AC7B6 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
#0AC7B6 }
```

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

```
.border{ border-color:#0AC7B6 }
```

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

Here you see how a box with a 4 pixel #0AC7B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AC7B6; -webkit-box-shadow:4px 4px  
4px 4px #0AC7B6; box-shadow:4px 4px 4px  
4px #0AC7B6 }
```

Background

The CSS property to change the background color of an element to Hex 0AC7B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AC7B6 }
```

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

```
.background{ background-color:#0AC7B6 }
```

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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