

Converting Colors

Hex(0AC7C2)

Have a look what the booklet for
Hex(0AC7C2) contains.

Hex(0AC7C2)	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(0AC7C2)

Conversions

Conversions Part 1

Format	Color
Hex	0AC7C2
RGB	10, 199, 194
RGB Percent	4%, 78%, 76%
CMY	0.9608, 0.2196, 0.2392
CMYK	0.95, 0.00, 0.03, 0.22
HSL	178°, 90%, 41%
HSV	178°, 95%, 78%
XYZ	30.2862, 44.8064, 58.0912
YIQ	141.9190, -111.0390, -41.6230

Conversions

Conversions Part 2

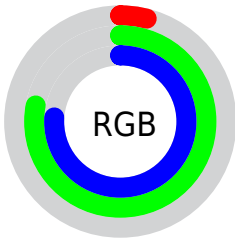
Format	Color
R _Y B	10, 106, 199
Decimal	706498
CIE Lab	72.76, -41.09, -9.17
CIE LCh	73, 42.103, 192.578
Yxy	44.8064, 0.2274, 0.3364
Android (android.graphics.Color)	4278896578 (0xFF0AC7C2)
YUV	141.9190, 25.6759, -115.6930
Hunter-Lab	66.9376, -36.3777, -4.5980

Details

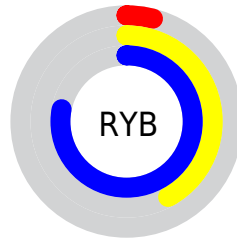
The Hex color **0AC7C2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C70A0F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6AFFFA**, and **00908D** is the 20% darker color. If you saturate the color by 10%, you get **00C7C2**, and if you desaturate by 10%, it is **1EC7C3**.

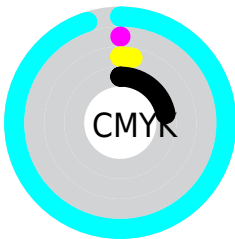
Distribution



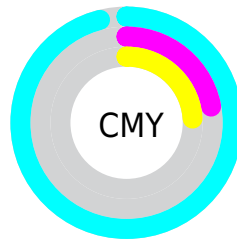
- Red (4%)
- Green (78%)
- Blue (76%)



- Red (4%)
- Yellow (42%)
- Blue (78%)



- Cyan (95%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (96%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AC7C2 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 0AC7C2 by changing the saturation by 10% instead.

 0AC7C2

 0AC7C2

FFFFFF

 00ABA7

 6AFFFA

 00908D

 8BFFFF

 007673

 AAFFFF

 005D5B

 C9FFFF

 004443

 E9FFFF

 002D2D

 001219

 000000

 0AC7C2

 0AC7C2

■ 00C7C2

■ 1EC7C3

■ 32C7C3

■ 46C7C4

■ 5AC7C4

■ 6EC7C5

■ 81C7C5

■ 95C7C6

■ A9C7C6

■ BDC7C7

Harmonies

Analogous

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



5EC59A



0AC7C2



00C4E6

Triad

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



0AC7C2



CBA3EC



DFA869

Complementary

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



0AC7C2



C70A0F

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.



F69C80



0AC7C2



EF97CB

Square

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



0AC7C2



94B1FD



FD94A4



BBB566

Rectangle

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



0AC7C2



2AC0F6



FD94A4



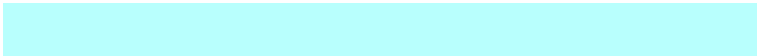
E8A46F

Sweetspot

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



0AC7C2



B8FFFD



10C70A



54807E



000000



808080

Same Dimension

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



0AC7C2



00FFF8



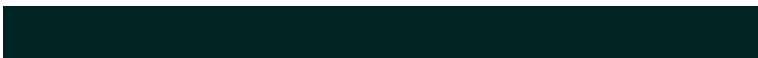
0A6FC7



5A6363



00A39F



002423

Inverse Universe

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



C70A0F



FF0007



C7620A



635A5A



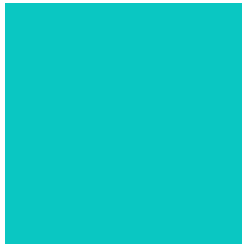
A30004



240001

Previews

White Background



This preview shows how the Hex color 0AC7C2 looks on a white background.

Color Contrast Check

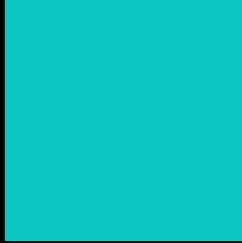
Large Text (above 18pt) WCAG AA × Fail

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 0AC7C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

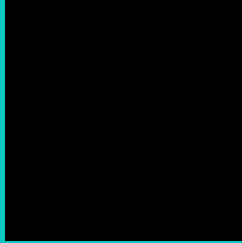
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

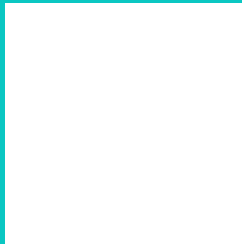
Any Text WCAG AAA ✓ Pass

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

Hex 0AC7C2 Background



This preview shows how black text looks on a background with the Hex color 0AC7C2.



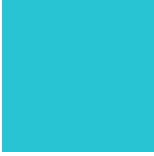
This preview shows how white text looks on a background with the Hex color 0AC7C2.

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
29C4D4

Trichromacy



Original Color
0AC7C2



Protanomaly
76B8B9



Deuteranomaly
79B6C6



Tritanomaly
1EC5CD

Monochromacy



Original Color
0AC7C2



Achromatopsia
8E8E8E



Achromatomaly
5EA3A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AC7C2 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 #0AC7C2 looks like.

```
.text, #text, p{  
    color:#0AC7C2  
}
```

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 #0AC7C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AC7C2
}
```

Border

The CSS property to change the border of an element to Hex 0AC7C2 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
#0AC7C2 }
```

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

```
.border{ border-color:#0AC7C2 }
```

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

Here you see how a box with a 4 pixel #0AC7C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AC7C2; -webkit-box-shadow:4px 4px  
4px 4px #0AC7C2; box-shadow:4px 4px 4px  
4px #0AC7C2 }
```

Background

The CSS property to change the background color of an element to Hex 0AC7C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AC7C2 }
```

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

```
.background{ background-color:#0AC7C2 }
```

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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