

Converting Colors

Hex(0AC2D0)

Have a look what the booklet for
Hex(0AC2D0) contains.

Hex(0AC2D0)	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(0AC2D0)

Conversions

Conversions Part 1

Format	Color
Hex	0AC2D0
RGB	10, 194, 208
RGB Percent	4%, 76%, 82%
CMY	0.9608, 0.2392, 0.1843
CMYK	0.95, 0.07, 0.00, 0.18
HSL	184°, 91%, 43%
HSV	184°, 95%, 82%
XYZ	30.8021, 43.2022, 66.3899
YIQ	140.5800, -114.1580, -34.6540

Conversions

Conversions Part 2

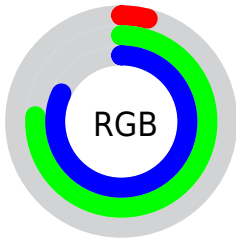
Format	Color
RYB	10, 105, 208
Decimal	705232
CIELab	71.69, -34.54, -18.40
CIELCh	72, 39.138, 208.044
Yxy	43.2022, 0.2194, 0.3077
Android (android.graphics.Color)	4278895312 (0xFF0AC2D0)
YUV	140.5800, 33.2381, -114.5187
Hunter-Lab	65.7284, -31.3746, -13.8769

Details

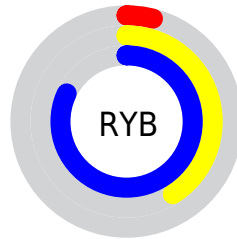
The Hex color **0AC2D0** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D0180A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6BFBF**, and **008C9A** is the 20% darker color. If you saturate the color by 10%, you get **00C1D0**, and if you desaturate by 10%, it is **1FC3D0**.

Distribution



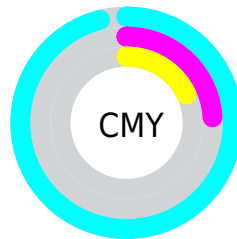
- Red (4%)
- Green (76%)
- Blue (82%)



- Red (4%)
- Yellow (41%)
- Blue (82%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (96%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AC2D0 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 0AC2D0 by changing the saturation by 10% instead.

 0AC2D0

 0AC2D0

FFFFFF

 00A7B4


 6BFBF

 008C9A

 8CFFF

 007280

 ACFFF

 005967

 CBFFF

 00414F

 EAF

 002A38

 000D23

 00000A

 000000

■ 0AC2D0

■ 0AC2D0

■ 00C1D0

■ 1FC3D0

■ 34C5D0

■ 48C6D0

■ 5DC8D0

■ 72C9D0

■ 87CBD0

■ 9CCCD0

■ B0CED0

■ C5CFD0

Harmonies

Analogous

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



49C3AC



0AC2D0



34BDEB

Triad

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



0AC2D0



DA9BD6



C9AD68

Complementary

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



0AC2D0



D0180A

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.



E5A074



0AC2D0



F194B3

Square

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



0AC2D0



B0A7EF



F49690



A5B86F

Rectangle

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



0AC2D0



62B7F5



F49690



D4A96A

Sweetspot

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



0AC2D0



B5FAFF



0AD017



537C80



000000



808080

Same Dimension

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



0AC2D0



00EDFF



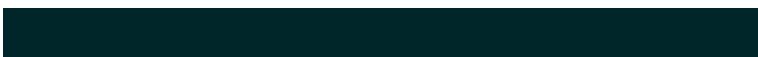
0A60D0



5E6869



009CA8



002629

Inverse Universe

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



D00AC2



FF00ED



D07A0A



695E68



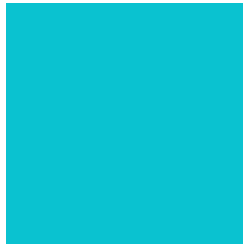
A8009C



290026

Previews

White Background



This preview shows how the Hex color 0AC2D0 looks on a white background.

Color Contrast Check

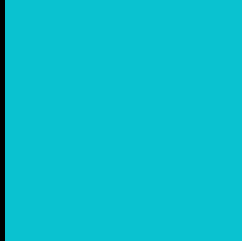
Large Text (above 18pt) WCAG AA × Fail

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 0AC2D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

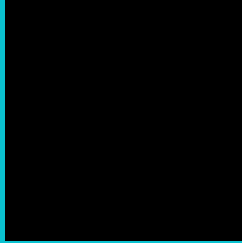
Any Text WCAG AA ✓ Pass

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 0AC2D0 Background



This preview shows how black text looks on a background with the Hex color 0AC2D0.

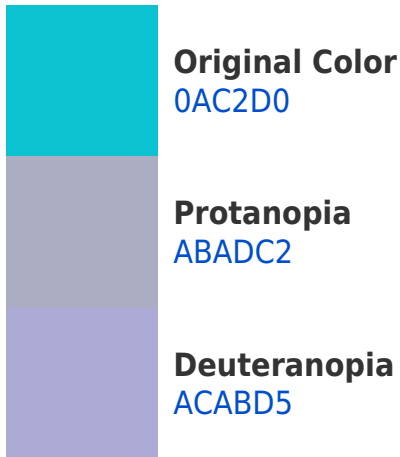


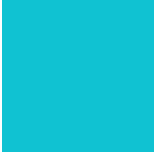
This preview shows how white text looks on a background with the Hex color 0AC2D0.

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

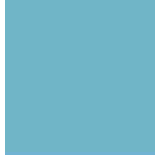




Trichromacy



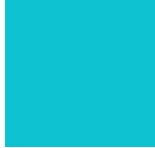
Original Color
0AC2D0



Protanomaly
70B5C7



Deuteranomaly
71B3D3



Tritanomaly
0EC2D1

Monochromacy



Original Color
0AC2D0



Achromatopsia
8D8D8D



Achromatomaly
5DA0A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AC2D0 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 #0AC2D0 looks like.

```
.text, #text, p{  
  color:#0AC2D0  
}
```

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 #0AC2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AC2D0
}
```

Border

The CSS property to change the border of an element to Hex 0AC2D0 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
#0AC2D0 }
```

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

```
.border{ border-color:#0AC2D0 }
```

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

Here you see how a box with a 4 pixel #0AC2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AC2D0; -webkit-box-shadow:4px 4px  
4px 4px #0AC2D0; box-shadow:4px 4px 4px  
4px #0AC2D0 }
```

Background

The CSS property to change the background color of an element to Hex 0AC2D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AC2D0 }
```

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

```
.background{ background-color:#0AC2D0 }
```

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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