

Converting Colors

Hex(0AC4D8)

Have a look what the booklet for
Hex(0AC4D8) contains.

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Color

Hex(0AC4D8)

Conversions

Conversions Part 1

Format	Color
Hex	0AC4D8
RGB	10, 196, 216
RGB Percent	4%, 77%, 85%
CMY	0.9608, 0.2314, 0.1529
CMYK	0.95, 0.09, 0.00, 0.15
HSL	186°, 91%, 44%
HSV	186°, 95%, 85%
XYZ	32.2598, 44.5023, 71.8553
YIQ	142.6660, -117.2760, -33.2120

Conversions

Conversions Part 2

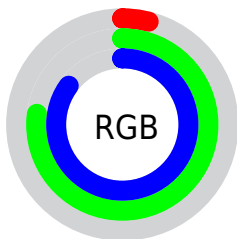
Format	Color
R _Y B	10, 108, 216
Decimal	705752
CIE Lab	72.56, -32.96, -21.43
CIE LCh	73, 39.317, 213.030
Yxy	44.5023, 0.2171, 0.2994
Android (android.graphics.Color)	4278895832 (0xFF0AC4D8)
YUV	142.6660, 36.1537, -116.3481
Hunter-Lab	66.7100, -30.4231, -17.1660

Details

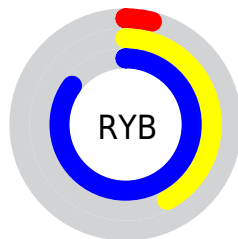
The Hex color **0AC4D8** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D81E0A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6DFDFF**, and **008EA1** is the 20% darker color. If you saturate the color by 10%, you get **00C3D8**, and if you desaturate by 10%, it is **20C6D8**.

Distribution



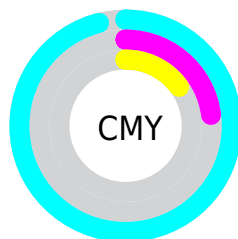
- Red (4%)
- Green (77%)
- Blue (85%)



- Red (4%)
- Yellow (42%)
- Blue (85%)



- Cyan (95%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (96%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AC4D8 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 0AC4D8 by changing the saturation by 10% instead.

 0AC4D8

 0AC4D8

FFFFFF

 00A8BC


 6DFDFF

 008EA1

 8EFFFF

 007487

 AEFFFF

 005B6E

 CDFFFF

 004355

 ECFFFF

 002C3E

 001228

 000113

 000000

0AC4D8

0AC4D8

00C3D8

20C6D8

35C8D8

4BCAD8

60CCD8

76CED8

8CD1D8

A1D3D8

B7D5D8

CCD7D8

Harmonies

Analogous

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



42C5B5



0AC4D8



42BEF1

Triad

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



0AC4D8



E29BD3



C6B169

Complementary

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



0AC4D8



D81E0A

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.



E4A573



0AC4D8



F696B0

Square

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



0AC4D8



BBA7EE



F69A8D



A0BB74

Rectangle

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



0AC4D8



6FB8F9



F69A8D



D1AD6A

Sweetspot

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



0AC4D8



B5F8FF



0AD81B



537B80



000000



808080

Same Dimension

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



0AC4D8



00E6FF



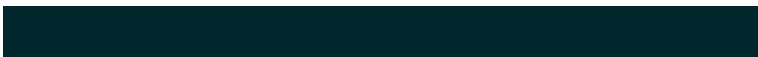
0A60D8



606A6B



009AAB



00272B

Inverse Universe

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



D80AC4



FF00E6



D8820A



6B606A



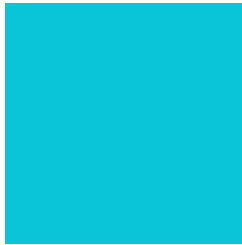
AB009A



2B0027

Previews

White Background



This preview shows how the Hex color 0AC4D8 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 0AC4D8 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 0AC4D8 Background



This preview shows how black text looks on a background with the Hex color 0AC4D8.

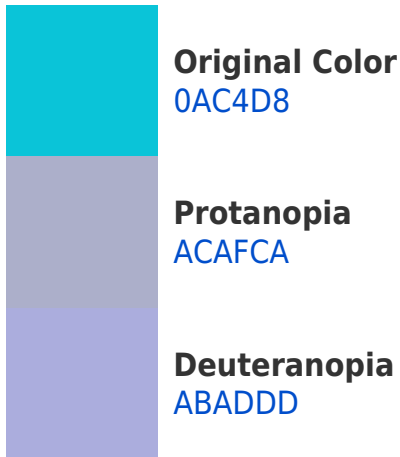


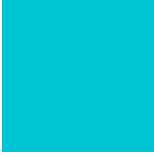
This preview shows how white text looks on a background with the Hex color 0AC4D8.

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
00C4D4

Trichromacy



Original Color
0AC4D8



Protanomaly
71B7CF



Deuteranomaly
70B5DB



Tritanomaly
04C4D5

Monochromacy



Original Color
0AC4D8



Achromatopsia
8F8F8F



Achromatomaly
5FA2AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AC4D8 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 #0AC4D8 looks like.

```
.text, #text, p{  
    color:#0AC4D8  
}
```

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 #0AC4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AC4D8
}
```

Border

The CSS property to change the border of an element to Hex 0AC4D8 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
#0AC4D8 }
```

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

```
.border{ border-color:#0AC4D8 }
```

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

Here you see how a box with a 4 pixel #0AC4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AC4D8; -webkit-box-shadow:4px 4px  
4px 4px #0AC4D8; box-shadow:4px 4px 4px  
4px #0AC4D8 }
```

Background

The CSS property to change the background color of an element to Hex 0AC4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AC4D8 }
```

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

```
.background{ background-color:#0AC4D8 }
```

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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