

Converting Colors

Hex(0ABCC2)

Have a look what the booklet for
Hex(0ABCC2) contains.

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Color

Hex(0ABCC2)

Conversions

Conversions Part 1

Format	Color
Hex	0ABCC2
RGB	10, 188, 194
RGB Percent	4%, 74%, 76%
CMY	0.9608, 0.2627, 0.2392
CMYK	0.95, 0.03, 0.00, 0.24
HSL	182°, 90%, 40%
HSV	182°, 95%, 76%
XYZ	27.8460, 39.9260, 57.2778
YIQ	135.4620, -108.0140, -35.8700

Conversions

Conversions Part 2

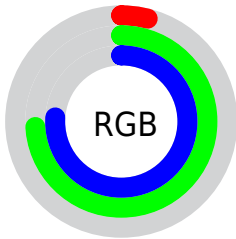
Format	Color
RYB	10, 100, 194
Decimal	703682
CIELab	69.42, -36.09, -14.18
CIELCh	69, 38.780, 201.448
Yxy	39.9260, 0.2227, 0.3193
Android (android.graphics.Color)	4278893762 (0xFF0ABCC2)
YUV	135.4620, 28.8592, -110.0302
Hunter-Lab	63.1870, -31.9138, -9.5143

Details

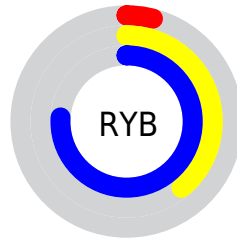
The Hex color **0ABCC2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C2100A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **68F5FA**, and **00868C** is the 20% darker color. If you saturate the color by 10%, you get **00BCC2**, and if you desaturate by 10%, it is **1DBDC2**.

Distribution



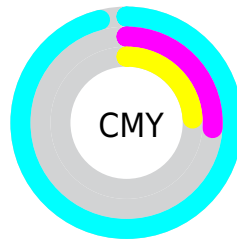
- Red (4%)
- Green (74%)
- Blue (76%)



- Red (4%)
- Yellow (39%)
- Blue (76%)



- Cyan (95%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0ABCC2 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 0ABCC2 by changing the saturation by 10% instead.

 0ABCC2

 0ABCC2

FFFFFF

 00A1A7

 68F5FA

 00868C

 89FFFF

 006C73

 A8FFFF

 00535A

 C7FFFF

 003B43

 E6FFFF

 00262D

 000119

 000000

 0ABCC2

 0ABCC2

■ 00BCC2

■ 1DBDC2

■ 31BDC2

■ 44BEC2

■ 58BFC2

■ 6BBFC2

■ 7EC0C2

■ 92C0C2

■ A5C1C2

■ B9C2C2

Harmonies

Analogous

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



4FBC9E



0ABCC2



18B8DF

Triad

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



0ABCC2



CC97D6



C9A464

Complementary

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



0ABCC2



C2100A

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.



E39874



0ABCC2



E78FB5

Square

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



0ABCC2



9FA4EB



EE8F92



A7AF67

Rectangle

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



0ABCC2



4DB3EB



EE8F92



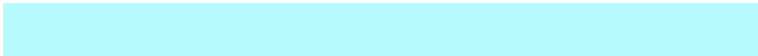
D3A067

Sweetspot

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



0ABCC2



B6FAFC



0AC20D



547E80



000000



808080

Same Dimension

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



0ABCC2



00F4FC



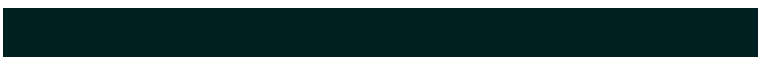
0A63C2



576161



009BA1



002021

Inverse Universe

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



C20ABC



FC00F4



C2690A



615761



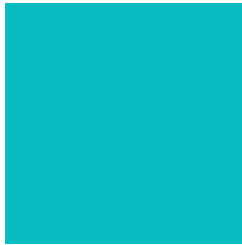
A1009B



210020

Previews

White Background



This preview shows how the Hex color 0ABCC2 looks on a white background.

Color Contrast Check

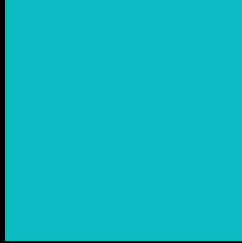
Large Text (above 18pt) WCAG AA × Fail

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 0ABCC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

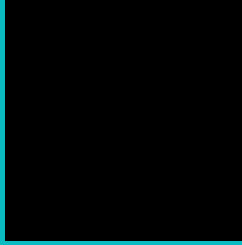
Any Text WCAG AA ✓ Pass

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 0ABCC2 Background



This preview shows how black text looks on a background with the Hex color 0ABCC2.

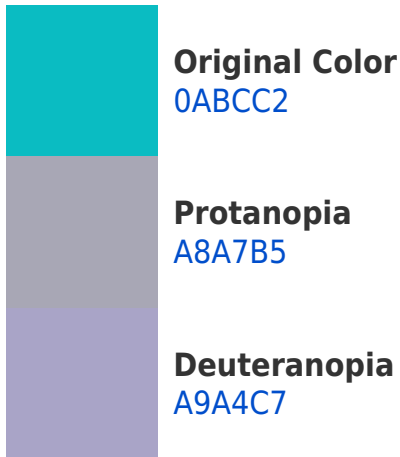


This preview shows how white text looks on a background with the Hex color 0ABCC2.

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
0ABCC2



Protanomaly
6FAFBA



Deuteranomaly
6FADC5



Tritanomaly
16BBC7

Monochromacy



Original Color
0ABCC2



Achromatopsia
878787



Achromatomaly
5A9A9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0ABCC2 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 #0ABCC2 looks like.

```
.text, #text, p{  
    color:#0ABCC2  
}
```

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 #0ABCC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0ABCC2
}
```

Border

The CSS property to change the border of an element to Hex 0ABCC2 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
#0ABCC2 }
```

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

```
.border{ border-color:#0ABCC2 }
```

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

Here you see how a box with a 4 pixel #0ABCC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0ABCC2; -webkit-box-shadow:4px 4px  
4px 4px #0ABCC2; box-shadow:4px 4px 4px  
4px #0ABCC2 }
```

Background

The CSS property to change the background color of an element to Hex 0ABCC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0ABCC2 }
```

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

```
.background{ background-color:#0ABCC2 }
```

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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