

Converting Colors

Hex(0BBAC1)

Have a look what the booklet for
Hex(0BBAC1) contains.

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Color

Hex(0BBAC1)

Conversions

Conversions Part 1

Format	Color
Hex	0BBAC1
RGB	11, 186, 193
RGB Percent	4%, 73%, 76%
CMY	0.9569, 0.2706, 0.2431
CMYK	0.94, 0.04, 0.00, 0.24
HSL	182°, 89%, 40%
HSV	182°, 94%, 76%
XYZ	27.3226, 39.0392, 56.5473
YIQ	134.4730, -106.5470, -34.9230

Conversions

Conversions Part 2

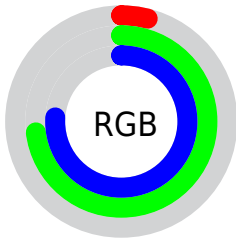
Format	Color
RYB	11, 100, 193
Decimal	768705
CIELab	68.78, -35.44, -14.59
CIELCh	69, 38.327, 202.374
Yxy	39.0392, 0.2223, 0.3176
Android (android.graphics.Color)	4278958785 (0xFF0BBAC1)
YUV	134.4730, 28.8538, -108.2858
Hunter-Lab	62.4814, -31.2859, -9.9221

Details

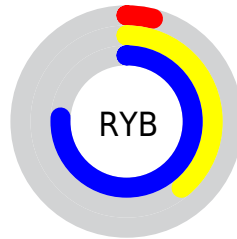
The Hex color **0BBAC1** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C1120B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68F3F9**, and **00848C** is the 20% darker color. If you saturate the color by 10%, you get **00BAC1**, and if you desaturate by 10%, it is **1EBBC1**.

Distribution



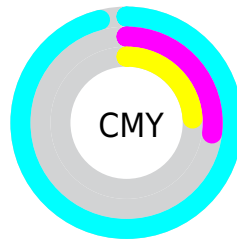
- Red (4%)
- Green (73%)
- Blue (76%)



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



- Cyan (94%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BBAC1 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 0BBAC1 by changing the saturation by 10% instead.

 0BBAC1

 0BBAC1

FFFFFF

 009FA6

 68F3F9

 00848C

 88FFFF

 006A72

 A7FFFF

 00525A

 C6FFFF

 003A42

 E5FFFF

 00252C

 000118

 000000

 0BBAC1

 0BBAC1

■ 00BAC1

■ 1EBBC1

■ 32BBC1

■ 45BCC1

■ 58BDC1

■ 6BBEC1

■ 7FBEC1

■ 92BFC1

■ A5C0C1

■ B9C1C1

Harmonies

Analogous

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



4DBA9D



0BBAC1



1DB6DE

Triad

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



0BBAC1



CB96D3



C6A363

Complementary

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



0BBAC1



C1120B

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.



E09772



0BBAC1



E58DB2

Square

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



0BBAC1



9FA2E8



EB8E8F



A4AE66

Rectangle

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



0BBAC1



4FB1E9



EB8E8F



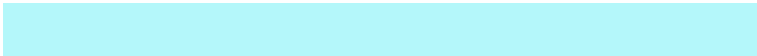
D09F66

Sweetspot

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



0BBAC1



B4F7FA



0BC111



527B7D



FCFCFC



7D7D7D

Same Dimension

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



0BBAC1



00F0FA



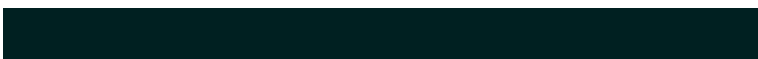
0B60C1



576161



009AA1



002021

Inverse Universe

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



C10BBA



FA00F0



C16C0B



615761



A1009A



210020

Previews

White Background



This preview shows how the Hex color 0BBAC1 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 0BBAC1 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

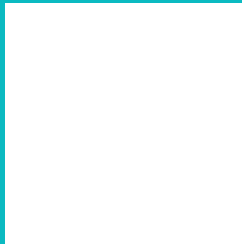
Any Text WCAG AAA ✓ Pass

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

Hex 0BBAC1 Background



This preview shows how black text looks on a background with the Hex color 0BBAC1.

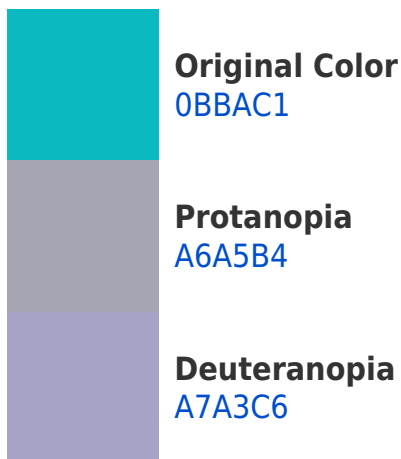


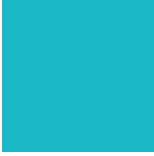
This preview shows how white text looks on a background with the Hex color 0BBAC1.

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](#).

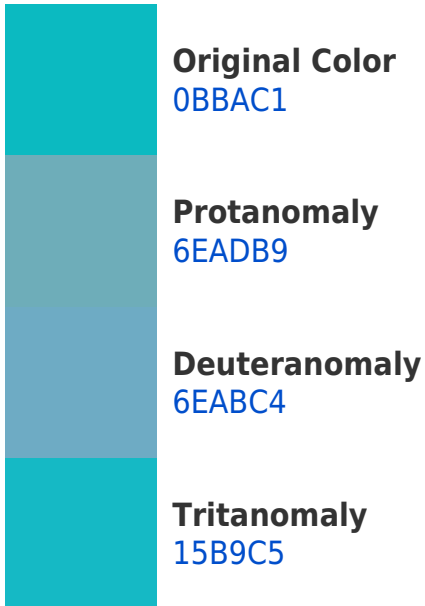
Dichromacy



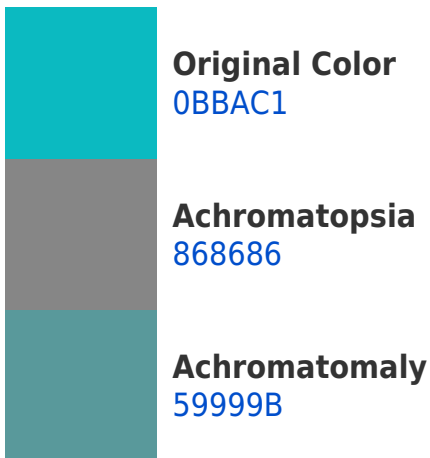


Tritanopia
1BB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0BBAC1 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 #0BBAC1 looks like.

```
.text, #text, p{  
    color:#0BBAC1  
}
```

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 #0BBAC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BBAC1
}
```

Border

The CSS property to change the border of an element to Hex 0BBAC1 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
#0BBAC1 }
```

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

```
.border{ border-color:#0BBAC1 }
```

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

Here you see how a box with a 4 pixel #0BBAC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BBAC1; -webkit-box-shadow:4px 4px  
4px 4px #0BBAC1; box-shadow:4px 4px 4px  
4px #0BBAC1 }
```

Background

The CSS property to change the background color of an element to Hex 0BBAC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BBAC1 }
```

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

```
.background{ background-color:#0BBAC1 }
```

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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