

# Converting Colors

Hex(0BCBC7)

Have a look what the booklet for  
Hex(0BCBC7) contains.

<b>Hex(0BCBC7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(0BCBC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BCBC7
RGB	11, 203, 199
RGB Percent	4%, 80%, 78%
CMY	0.9569, 0.2039, 0.2196
CMYK	0.95, 0.00, 0.02, 0.20
HSL	179°, 90%, 42%
HSV	179°, 95%, 80%
XYZ	31.8028, 46.9065, 61.4105
YIQ	145.1360, -113.1480, -41.9480

# Conversions

## Conversions Part 2

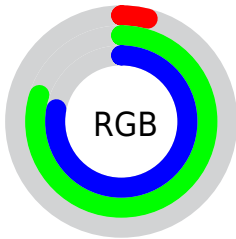
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 108, 203
Decimal	773063
CIELab	74.13, -41.37, -9.85
CIELCh	74, 42.528, 193.388
Yxy	46.9065, 0.2270, 0.3348
Android (android.graphics.Color)	4278963143 (0xFF0BCBC7)
YUV	145.1360, 26.5550, -117.6373
Hunter-Lab	68.4883, -36.9677, -5.2209

# Details

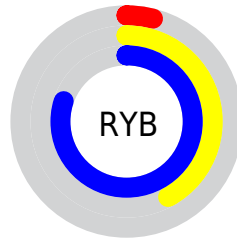
The Hex color **0BCBC7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CB0B0F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6CFFFF**, and **009491** is the 20% darker color. If you saturate the color by 10%, you get **00CBC7**, and if you desaturate by 10%, it is **1FCBC7**.

# Distribution



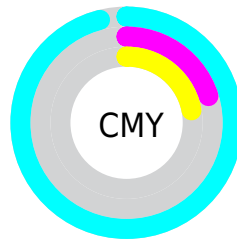
- Red (4%)
- Green (80%)
- Blue (78%)



- Red (4%)
- Yellow (42%)
- Blue (80%)



- Cyan (95%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (96%)
- Magenta (20%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BCBC7 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 0BCBC7 by changing the saturation by 10% instead.



 0BCBC7

 0BCBC7

FFFFFF

 00AFAC

 6CFFFF

 009491

 8CFFFF

 007A78

 ACFFFF

 00605F

 CBFFFF

 004747

 EBFFFF

 003031

 00181C

 000000

 0BCBC7

 0BCBC7

■ 00CBC7

■ 1FCBC7

■ 34CBC8

■ 48CBC8

■ 5CCBC9

■ 70CBC9

■ 85CBCA

■ 99CBCA

■ ADCBCA

■ C2CBCB

# Harmonies

## Analogous

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



5FC99F



0BCBC7



00C8EB

# Triad

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



0BCBC7



D1A6EF



E2AC6B

# Complementary

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



0BCBC7



CB0B0F

# 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.



FB9F82



0BCBC7



F49ACE

# Square

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



0BCBC7



99B4FF



FF98A6



BEBA69

# Rectangle

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



0BCBC7



31C4FB



FF98A6



ECA871



# Sweetspot

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



0BCBC7



B8FFFE



11CB0B



54807F



000000



808080



# Same Dimension

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



0BCBC7



00FFFA



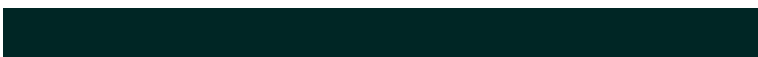
0B71CB



5C6666



00A6A2



002625



# Inverse Universe

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



CB0B0F



FF0005



CB650B



665C5C



A60003

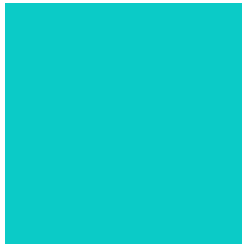


260001



# Previews

## White Background



This preview shows how the Hex color 0BCBC7 looks on a white background.

## Color Contrast Check

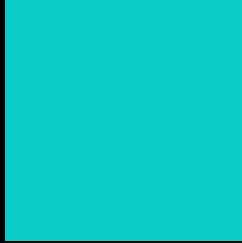
Large Text (above 18pt) WCAG AA × Fail

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 0BCBC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

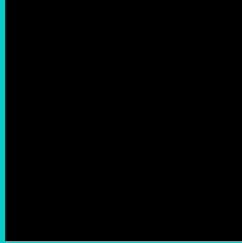
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

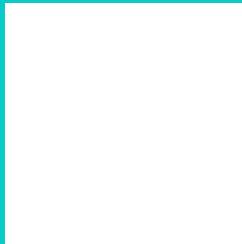
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0BCBC7 Background



This preview shows how black text looks on a background with the Hex color 0BCBC7.

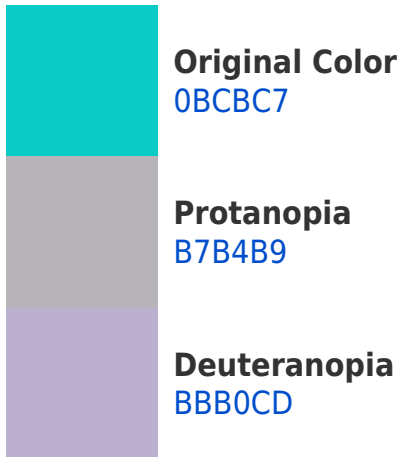


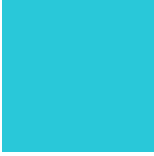
This preview shows how white text looks on a background with the Hex color 0BCBC7.

# 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**  
29C8D9

# Trichromacy



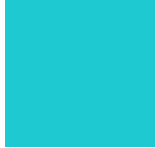
**Original Color**  
0BCBC7



**Protanomaly**  
78BCBE



**Deuteranomaly**  
7BBACB



**Tritanomaly**  
1EC9D2

# Monochromacy



**Original Color**  
0BCBC7



**Achromatopsia**  
919191



**Achromatomaly**  
60A6A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BCBC7 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 #0BCBC7 looks like.

```
.text, #text, p{  
    color:#0BCBC7  
}
```

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 #0BCBC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BCBC7
}
```

## Border

The CSS property to change the border of an element to Hex 0BCBC7 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
#0BCBC7 }
```

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

```
.border{ border-color:#0BCBC7 }
```

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

Here you see how a box with a 4 pixel #0BCBC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BCBC7; -webkit-box-shadow:4px 4px  
4px 4px #0BCBC7; box-shadow:4px 4px 4px  
4px #0BCBC7 }
```

# Background

The CSS property to change the background color of an element to Hex 0BCBC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BCBC7 }
```

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

```
.background{ background-color:#0BCBC7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor