

Converting Colors

Hex(0BC1A9)

Have a look what the booklet for
Hex(0BC1A9) contains.

Hex(0BC1A9)	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(0BC1A9)

Conversions

Conversions Part 1

Format	Color
Hex	0BC1A9
RGB	11, 193, 169
RGB Percent	4%, 76%, 66%
CMY	0.9569, 0.2431, 0.3373
CMYK	0.94, 0.00, 0.12, 0.24
HSL	172°, 89%, 40%
HSV	172°, 94%, 76%
XYZ	26.3694, 41.0756, 44.0747
YIQ	135.8460, -100.7680, -46.0480

Conversions

Conversions Part 2

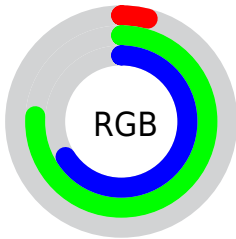
Format	Color
RYB	11, 108, 193
Decimal	770473
CIELab	70.23, -45.57, 0.72
CIELCh	70, 45.577, 179.091
Yxy	41.0756, 0.2365, 0.3683
Android (android.graphics.Color)	4278960553 (0xFF0BC1A9)
YUV	135.8460, 16.3449, -109.4899
Hunter-Lab	64.0903, -38.7157, 4.0896

Details

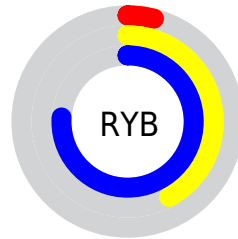
The Hex color **0BC1A9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C10B23**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **67FAE0**, and **008A75** is the 20% darker color. If you saturate the color by 10%, you get **00C1A8**, and if you desaturate by 10%, it is **1EC1AC**.

Distribution



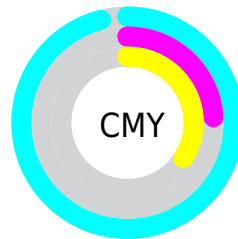
- Red (4%)
- Green (76%)
- Blue (66%)



- Red (4%)
- Yellow (42%)
- Blue (76%)



- Cyan (94%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (96%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BC1A9 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 0BC1A9 by changing the saturation by 10% instead.

 0BC1A9

 0BC1A9

FFFFFF

 00A58F

 67FAE0

 008A75

 87FFFD

 00705C

 A6FFFF

 005745

 C4FFFF

 003E2F

 E3FFFF

 00291A

 000200

 000000

 0BC1A9

 0BC1A9

■ 00C1A8

■ 1EC1AC

■ 32C1AE

■ 45C1B1

■ 58C1B3

■ 6BC1B6

■ 7FC1B8

■ 92C1BB

■ A5C1BD

■ B9C1C0

Harmonies

Analogous

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



69BD80



0BC1A9



00C0D3

Triad

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



0BC1A9



ADA1F4



E79A66

Complementary

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



0BC1A9



C10B23

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.



F98E86



0BC1A9



DE92D7

Square

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



0BC1A9



65B0FE



F78AAF



C6A957

Rectangle

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



0BC1A9



00BDE9



F78AAF



EF956F

Sweetspot

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



0BC1A9



B4FAF1



23C10B



527D77



FCFCFC



7D7D7D

Same Dimension

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



0BC1A9



00FAD9



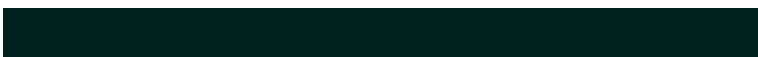
0B7EC1



576160



00A18B



00211D

Inverse Universe

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



C10B23



FA0021



C14E0B



615758



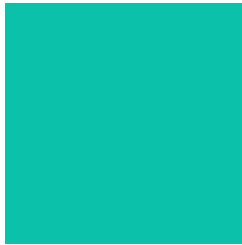
A10015



210004

Previews

White Background



This preview shows how the Hex color 0BC1A9 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 0BC1A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

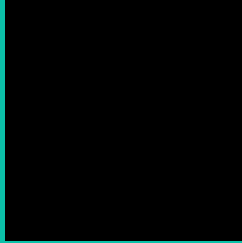
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

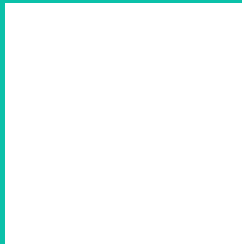
Any Text WCAG AAA ✓ Pass

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

Hex 0BC1A9 Background



This preview shows how black text looks on a background with the Hex color 0BC1A9.

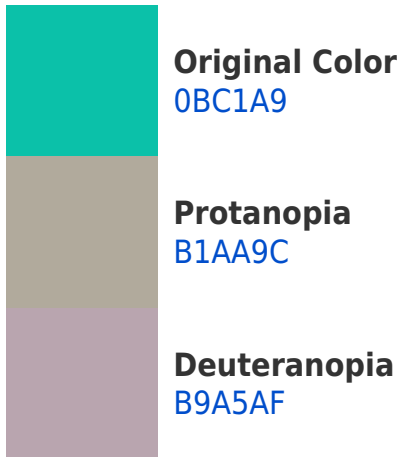


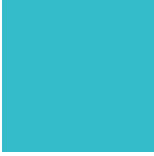
This preview shows how white text looks on a background with the Hex color 0BC1A9.

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
34BCCB

Trichromacy



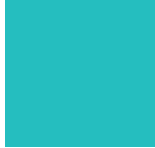
Original Color
0BC1A9



Protanomaly
75B2A1



Deuteranomaly
7AAFAD



Tritanomaly
25BEBF

Monochromacy



Original Color
0BC1A9



Achromatopsia
888888



Achromatomaly
5B9D94

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BC1A9 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 #0BC1A9 looks like.

```
.text, #text, p{  
    color:#0BC1A9  
}
```

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 #0BC1A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BC1A9
}
```

Border

The CSS property to change the border of an element to Hex 0BC1A9 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
#0BC1A9 }
```

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

```
.border{ border-color:#0BC1A9 }
```

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

Here you see how a box with a 4 pixel #0BC1A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BC1A9; -webkit-box-shadow:4px 4px  
4px 4px #0BC1A9; box-shadow:4px 4px 4px  
4px #0BC1A9 }
```

Background

The CSS property to change the background color of an element to Hex 0BC1A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BC1A9 }
```

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

```
.background{ background-color:#0BC1A9 }
```

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