

# Converting Colors

Hex(1BC2AA)

Have a look what the booklet for  
Hex(1BC2AA) contains.

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# Color

Hex(1BC2AA)

# Conversions

## Conversions Part 1

Format	Color
Hex	1BC2AA
RGB	27, 194, 170
RGB Percent	11%, 76%, 67%
CMY	0.8941, 0.2392, 0.3333
CMYK	0.86, 0.00, 0.12, 0.24
HSL	171°, 76%, 43%
HSV	171°, 86%, 76%
XYZ	26.9995, 41.7189, 44.6597
YIQ	141.3310, -91.8280, -42.8680

# Conversions

## Conversions Part 2

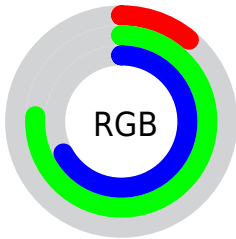
Format	Color
<a href="#">RYB</a>	<a href="#">27, 117, 194</a>
Decimal	<a href="#">1819306</a>
CIELab	<a href="#">70.68, -44.92, 0.84</a>
CIELCh	<a href="#">71, 44.932, 178.924</a>
Yxy	<a href="#">41.7189, 0.2381, 0.3680</a>
Android (android.graphics.Color)	<a href="#">4280009386</a> ( <a href="#">0xFF1BC2AA</a> )
YUV	<a href="#">141.3310, 14.1338, -100.2683</a>
Hunter-Lab	<a href="#">64.5901, -38.4175, 4.2181</a>

# Details

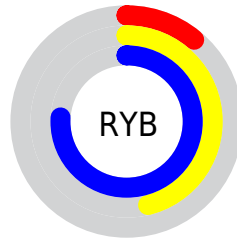
The Hex color **1BC2AA** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C21B33**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6BFBE1**, and **008B76** is the 20% darker color. If you saturate the color by 10%, you get **08C2A7**, and if you desaturate by 10%, it is **2EC2AD**.

# Distribution



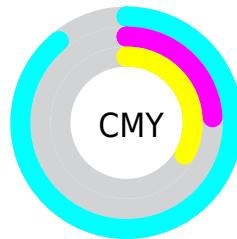
- Red (11%)
- Green (76%)
- Blue (67%)



- Red (11%)
- Yellow (46%)
- Blue (76%)



- Cyan (86%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (89%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BC2AA 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 1BC2AA by changing the saturation by 10% instead.



 1BC2AA

 1BC2AA

FFFFFF

 00A690

 6BFBE1

 008B76

 8BFFFE

 00715D

 AAFFFF

 005846

 C8FFFF

 003F30

 E7FFFF

 002A1B

 000500

 000000

 1BC2AA

 1BC2AA

08C2A7

2EC2AD

00C2A6

42C2B0

55C2B2

69C2B5

7CC2B8

8FC2BB

A3C2BE

B6C2C0

CAC2C3

# Harmonies

## Analogous

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



6CBE81



1BC2AA



00C1D3

# Triad

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



1BC2AA



AEA3F4



E89B68

# Complementary

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



1BC2AA



C21B33

# 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.



FA8F88



1BC2AA



DE94D8

# Square

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



1BC2AA



67B2FE



F88CB0



C8AA5A

# Rectangle

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



1BC2AA



00BEE9



F88CB0



F09771



# Sweetspot

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



1BC2AA



BBFCF3



34C21B



58807A



000000



808080



# Same Dimension

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



1BC2AA



00FCD8



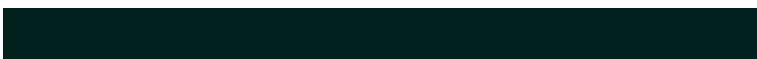
1B88C2



576160



00A18A



00211C



# Inverse Universe

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



C21B33



FC0024



C2551B



615759



A10017

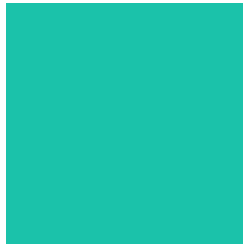


210005



# Previews

## White Background



This preview shows how the Hex color 1BC2AA 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 1BC2AA 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

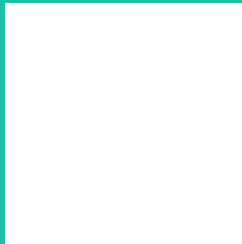
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1BC2AA Background



This preview shows how black text looks on a background with the Hex color 1BC2AA.

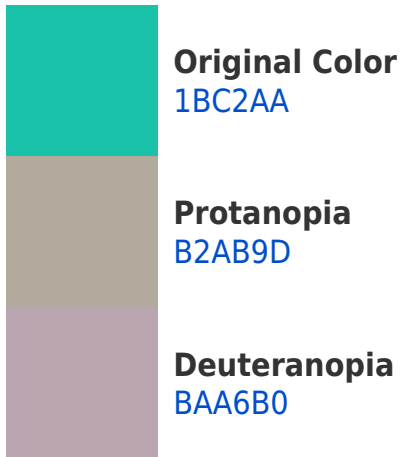


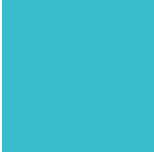
This preview shows how white text looks on a background with the Hex color 1BC2AA.

# 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**  
1BC2AA



**Protanomaly**  
7BB3A2



**Deuteranomaly**  
80B0AE



**Tritanomaly**  
2EBFC0

# Monochromacy



**Original Color**  
1BC2AA



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
64A098

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BC2AA 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 #1BC2AA looks like.

```
.text, #text, p{  
    color:#1BC2AA  
}
```

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 #1BC2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BC2AA
}
```

## Border

The CSS property to change the border of an element to Hex 1BC2AA 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
#1BC2AA }
```

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

```
.border{ border-color:#1BC2AA }
```

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

Here you see how a box with a 4 pixel #1BC2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BC2AA; -webkit-box-shadow:4px 4px  
4px 4px #1BC2AA; box-shadow:4px 4px 4px  
4px #1BC2AA }
```

# Background

The CSS property to change the background color of an element to Hex 1BC2AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BC2AA }
```

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

```
.background{ background-color:#1BC2AA }
```

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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