

# Converting Colors

Hex(1BB8A1)

Have a look what the booklet for  
Hex(1BB8A1) contains.

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# Color

**Hex(1BB8A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BB8A1
RGB	27, 184, 161
RGB Percent	11%, 72%, 63%
CMY	0.8941, 0.2784, 0.3686
CMYK	0.85, 0.00, 0.13, 0.28
HSL	171°, 74%, 41%
HSV	171°, 85%, 72%
XYZ	24.0255, 37.0872, 39.6105
YIQ	134.4350, -86.1890, -40.4370

# Conversions

## Conversions Part 2

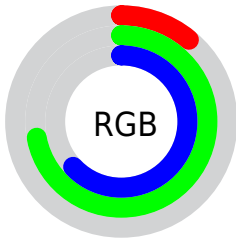
Format	Color
<a href="#">RYB</a>	<a href="#">27, 112, 184</a>
Decimal	<a href="#">1816737</a>
CIELab	<a href="#">67.34, -43.09, 0.92</a>
CIELCh	<a href="#">67, 43.103, 178.776</a>
Yxy	<a href="#">37.0872, 0.2385, 0.3682</a>
Android (android.graphics.Color)	<a href="#">4280006817 (0xFF1BB8A1)</a>
YUV	<a href="#">134.4350, 13.0965, -94.2205</a>
Hunter-Lab	<a href="#">60.8993, -36.1533, 4.0657</a>

# Details

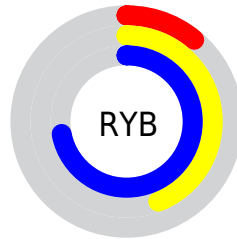
The Hex color **1BB8A1** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B81B32**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **69F1D8**, and **00826E** is the 20% darker color. If you saturate the color by 10%, you get **09B89E**, and if you desaturate by 10%, it is **2DB8A4**.

# Distribution



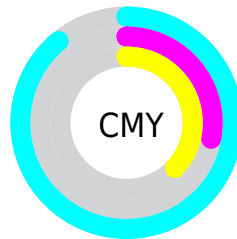
- Red (11%)
- Green (72%)
- Blue (63%)



- Red (11%)
- Yellow (44%)
- Blue (72%)



- Cyan (85%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)



- Cyan (89%)
- Magenta (28%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BB8A1 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 1BB8A1 by changing the saturation by 10% instead.



 1BB8A1

 1BB8A1

FFFFFF

 009D87

 69F1D8

 00826E

 88FFF4

 006855

 A6FFFF

 004F3E

 C4FFFF

 003728

 E3FFFF

 002114

 000000

 1BB8A1

 1BB8A1

 09B89E

 2DB8A4

 00B89D

 40B8A6

 52B8A9

 65B8AC

 77B8AE

 89B8B1

 9CB8B4

 AEB8B7

 C1B8B9

# Harmonies

## Analogous

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



66B47A



1BB8A1



00B7C8

# Triad

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



1BB8A1



A59AE8



DC9362

# Complementary

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



1BB8A1



B81B32

# 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.



ED8881



1BB8A1



D38CCD

# Square

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



1BB8A1



62A8F1



EB85A7



BEA155

# Rectangle

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



1BB8A1



00B5DD



EB85A7



E38F6B



# Sweetspot

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



1BB8A1



B1F0E7



33B81B



537872



F7F7F7



787878



# Same Dimension

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



1BB8A1



00F0CD



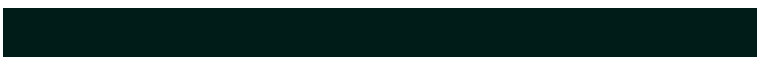
1B81B8



535C5A



009C85



001C18



# Inverse Universe

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



B81B32



F00023



B8521B



5C5354



9C0017

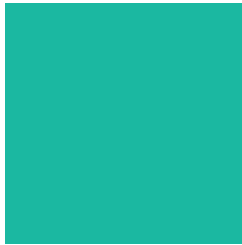


1C0004



# Previews

## White Background



This preview shows how the Hex color 1BB8A1 looks on a white background.

## Color Contrast Check

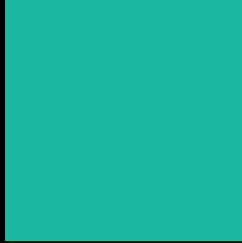
Large Text (above 18pt) WCAG AA × Fail

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 1BB8A1 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

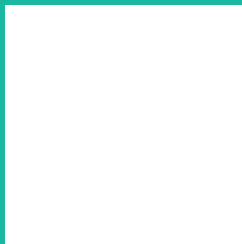
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1BB8A1 Background



This preview shows how black text looks on a background with the Hex color 1BB8A1.

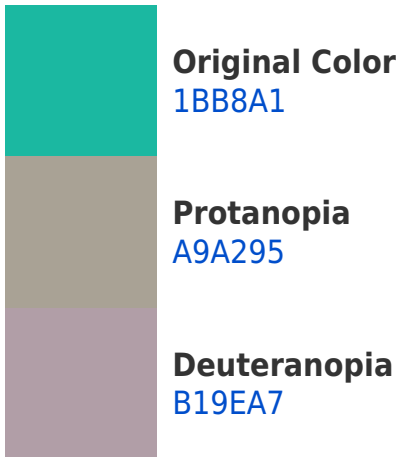


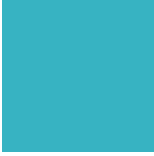
This preview shows how white text looks on a background with the Hex color 1BB8A1.

# 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](#).

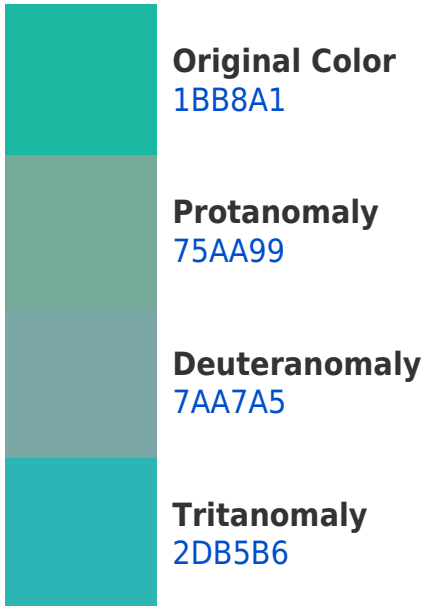
## Dichromacy



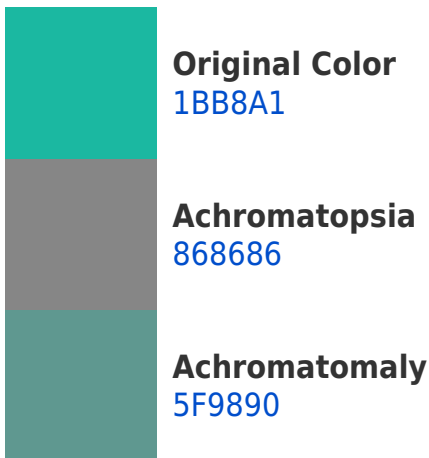


**Tritanopia**  
37B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BB8A1 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 #1BB8A1 looks like.

```
.text, #text, p{  
    color:#1BB8A1  
}
```

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 #1BB8A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB8A1
}
```

## Border

The CSS property to change the border of an element to Hex 1BB8A1 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
#1BB8A1 }
```

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

```
.border{ border-color:#1BB8A1 }
```

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

Here you see how a box with a 4 pixel #1BB8A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB8A1; -webkit-box-shadow:4px 4px  
4px 4px #1BB8A1; box-shadow:4px 4px 4px  
4px #1BB8A1 }
```

# Background

The CSS property to change the background color of an element to Hex 1BB8A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB8A1 }
```

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

```
.background{ background-color:#1BB8A1 }
```

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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