

# Converting Colors

Hex(1BB18D)

Have a look what the booklet for  
Hex(1BB18D) contains.

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**Color**

**Hex(1BB18D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BB18D
RGB	27, 177, 141
RGB Percent	11%, 69%, 55%
CMY	0.8941, 0.3059, 0.4471
CMYK	0.85, 0.00, 0.20, 0.31
HSL	166°, 74%, 40%
HSV	166°, 85%, 69%
XYZ	20.9819, 33.6004, 30.5790
YIQ	128.0460, -77.8440, -42.9960

# Conversions

## Conversions Part 2

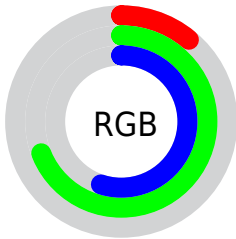
Format	Color
<a href="#">RYB</a>	<a href="#">27, 112, 177</a>
Decimal	<a href="#">1814925</a>
CIELab	<a href="#">64.64, -45.42, 8.07</a>
CIElCh	<a href="#">65, 46.131, 169.928</a>
Yxy	<a href="#">33.6004, 0.2464, 0.3946</a>
Android (android.graphics.Color)	<a href="#">4280005005 (0xFF1BB18D)</a>
YUV	<a href="#">128.0460, 6.3863, -88.6173</a>
Hunter-Lab	<a href="#">57.9658, -36.8287, 9.2986</a>

# Details

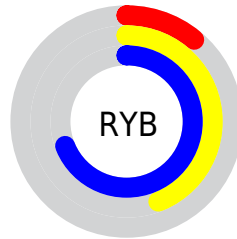
The Hex color **1BB18D** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B11B3F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **66EAC3**, and **007B5B** is the 20% darker color. If you saturate the color by 10%, you get **09B189**, and if you desaturate by 10%, it is **2DB191**.

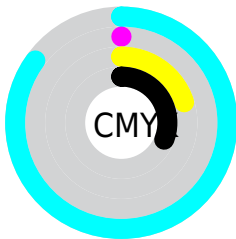
# Distribution



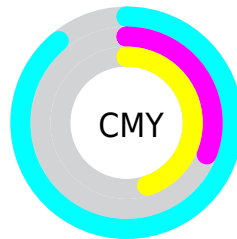
- Red (11%)
- Green (69%)
- Blue (55%)



- Red (11%)
- Yellow (44%)
- Blue (69%)



- Cyan (85%)
- Magenta (0%)
- Yellow (20%)
- Black (31%)



- Cyan (89%)
- Magenta (31%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BB18D 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 1BB18D by changing the saturation by 10% instead.



 1BB18D

 1BB18D

FFFFFF

 009673

 66EAC3

 007B5B

 84FFDF

 006243

 A2FFFB

 00492D

 C0FFF

 003118

 DEFFF

 001900

FDF

 000000

 1BB18D

 1BB18D

 09B189

 2DB191

■ 00B187

■ 3EB195

■ 50B19A

■ 62B19E

■ 73B1A2

■ 85B1A6

■ 97B1AB

■ A9B1AF

■ BAB1B3

# Harmonies

## Analogous

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



6AAC66



1BB18D



00B2B8

# Triad

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



1BB18D



8A97EA



DE875F

# Complementary

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



1BB18D



B11B3F

# 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.



EB7C83



1BB18D



C287D2

# Square

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



1BB18D



29A5EE



E27CAC



C2964A

# Rectangle

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



1BB18D



00B0D1



E27CAC



E4826A



# Sweetspot

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



1BB18D



ACE6D8



40B11B



50736A



F2F2F2



737373



# Same Dimension

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



1BB18D



00E6AE



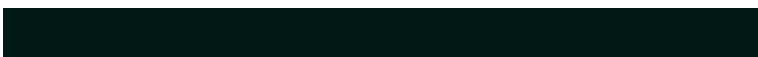
1B8BB1



505957



009974



001A13



# Inverse Universe

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



B11B3F



E60037



B1401B



595052



990025

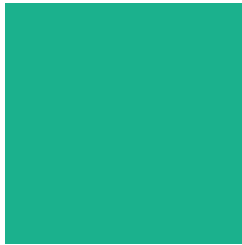


1A0006



# Previews

## White Background



This preview shows how the Hex color 1BB18D 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 1BB18D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

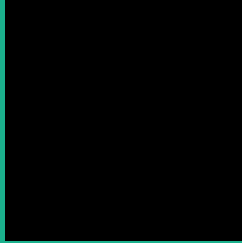
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1BB18D Background



This preview shows how black text looks on a background with the Hex color 1BB18D.

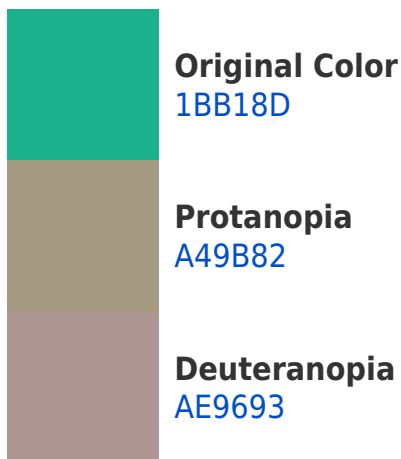


This preview shows how white text looks on a background with the Hex color 1BB18D.

# 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



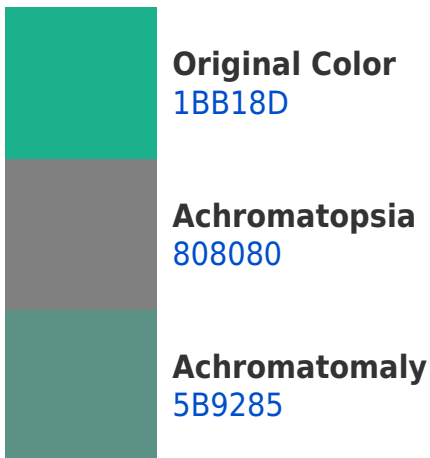


**Tritanopia**  
3BABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BB18D 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 #1BB18D looks like.

```
.text, #text, p{  
    color:#1BB18D  
}
```

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 #1BB18D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB18D
}
```

## Border

The CSS property to change the border of an element to Hex 1BB18D 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
#1BB18D }
```

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

```
.border{ border-color:#1BB18D }
```

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

Here you see how a box with a 4 pixel #1BB18D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB18D; -webkit-box-shadow:4px 4px  
4px 4px #1BB18D; box-shadow:4px 4px 4px  
4px #1BB18D }
```

# Background

The CSS property to change the background color of an element to Hex 1BB18D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB18D }
```

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

```
.background{ background-color:#1BB18D }
```

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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