

Converting Colors

Hex(1BB1B1)

Have a look what the booklet for
Hex(1BB1B1) contains.

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Color

Hex(**1BB1B1**)

Conversions

Conversions Part 1

Format	Color
Hex	1BB1B1
RGB	27, 177, 177
RGB Percent	11%, 69%, 69%
CMY	0.8941, 0.3059, 0.3059
CMYK	0.85, 0.00, 0.00, 0.31
HSL	180°, 74%, 40%
HSV	180°, 85%, 69%
XYZ	24.1099, 34.8516, 47.0513
YIQ	132.1500, -89.4000, -31.8000

Conversions

Conversions Part 2

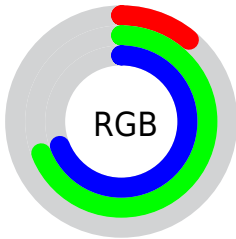
Format	Color
RYB	27, 102, 177
Decimal	1814961
CIELab	65.63, -35.35, -10.46
CIElCh	66, 36.869, 196.479
Yxy	34.8516, 0.2274, 0.3287
Android (android.graphics.Color)	4280005041 (0xFF1BB1B1)
YUV	132.1500, 22.1110, -92.2166
Hunter-Lab	59.0353, -30.4125, -5.9296

Details

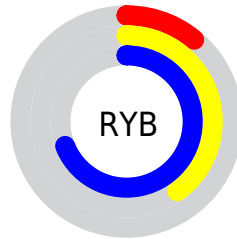
The Hex color **1BB1B1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B11B1B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **69E9E9**, and **007C7D** is the 20% darker color. If you saturate the color by 10%, you get **09B1B1**, and if you desaturate by 10%, it is **2DB1B1**.

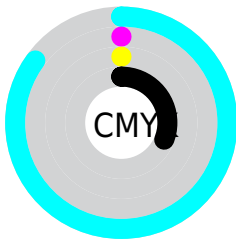
Distribution



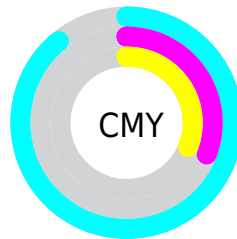
- Red (11%)
- Green (69%)
- Blue (69%)



- Red (11%)
- Yellow (40%)
- Blue (69%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB1B1 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 1BB1B1 by changing the saturation by 10% instead.



1BB1B1



1BB1B1

FFFFFF



009696



69E9E9



007C7D



88FFFF



006264



A6FFFF



004A4C



C5FFFF



003235



E3FFFF



001D20



000007



000000



1BB1B1



1BB1B1

09B1B1

2DB1B1

00B1B1

3EB1B1

50B1B1

62B1B1

73B1B1

85B1B1

97B1B1

A9B1B1

BAB1B1

Harmonies

Analogous

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



52B08F



1BB1B1



0AAECE

Triad

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



1BB1B1



BA90CD



C2985F

Complementary

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



1BB1B1



B11B1B

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.



D88D71



1BB1B1



D687B0

Square

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



1BB1B1



8D9CDF



E0868E



A3A35F

Rectangle

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



1BB1B1



3EAADB



E0868E



CB9463

Sweetspot

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



1BB1B1



ACE6E6



1BB11B



507373



F2F2F2



737373

Same Dimension

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



1BB1B1



00E6E6



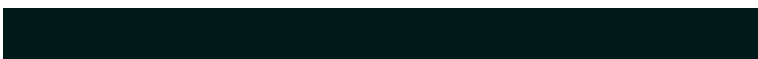
1B66B1



505959



009999



001A1A

Inverse Universe

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



B11BB1



E600E6



B1661B



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 1BB1B1 looks on a white background.

Color Contrast Check

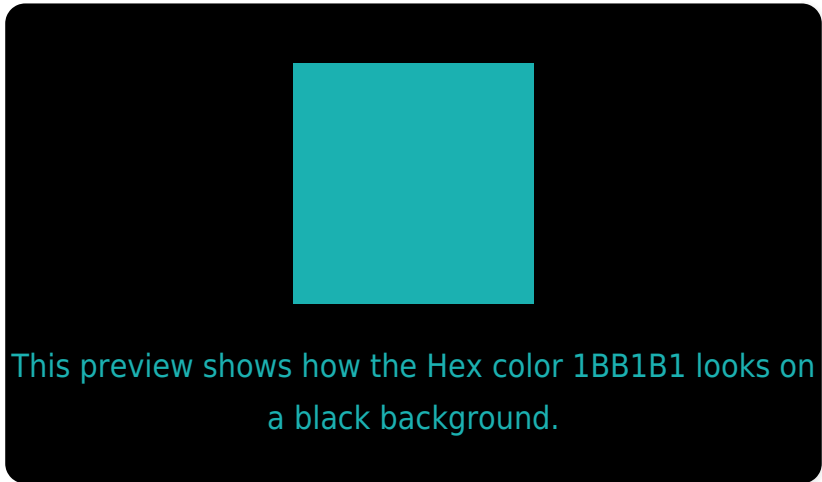
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

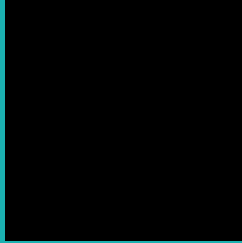
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

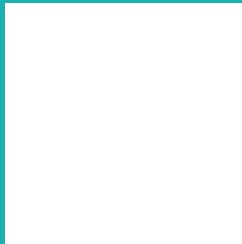
Any Text WCAG AAA ✓ Pass

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

Hex 1BB1B1 Background



This preview shows how black text looks on a background with the Hex color 1BB1B1.

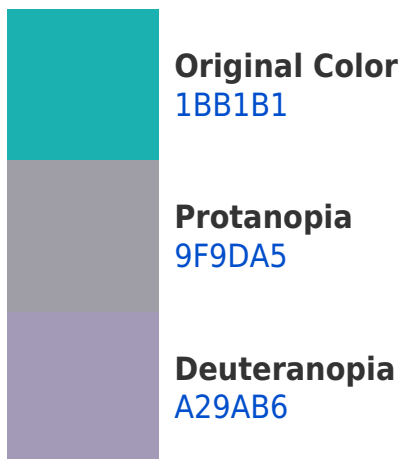


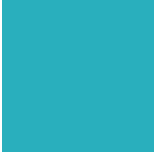
This preview shows how white text looks on a background with the Hex color 1BB1B1.

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
29AFBD

Trichromacy



Original Color
1BB1B1



Protanomaly
6FA4A9



Deuteranomaly
71A2B4



Tritanomaly
24B0B9

Monochromacy



Original Color
1BB1B1



Achromatopsia
848484



Achromatomaly
5E9494

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB1B1 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 #1BB1B1 looks like.

```
.text, #text, p{  
    color:#1BB1B1  
}
```

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 #1BB1B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB1B1
}
```

Border

The CSS property to change the border of an element to Hex 1BB1B1 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
#1BB1B1 }
```

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

```
.border{ border-color:#1BB1B1 }
```

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

Here you see how a box with a 4 pixel #1BB1B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB1B1; -webkit-box-shadow:4px 4px  
4px 4px #1BB1B1; box-shadow:4px 4px 4px  
4px #1BB1B1 }
```

Background

The CSS property to change the background color of an element to Hex 1BB1B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB1B1 }
```

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

```
.background{ background-color:#1BB1B1 }
```

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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