

Converting Colors

Hex(1BB3B3)

Have a look what the booklet for
Hex(1BB3B3) contains.

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Color

Hex(1BB3B3)

Conversions

Conversions Part 1

Format	Color
Hex	1BB3B3
RGB	27, 179, 179
RGB Percent	11%, 70%, 70%
CMY	0.8941, 0.2980, 0.2980
CMYK	0.85, 0.00, 0.00, 0.30
HSL	180°, 74%, 40%
HSV	180°, 85%, 70%
XYZ	24.7088, 35.7279, 48.2417
YIQ	133.5520, -90.5920, -32.2240

Conversions

Conversions Part 2

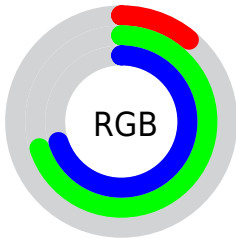
Format	Color
RYB	27, 103, 179
Decimal	1815475
CIELab	66.31, -35.68, -10.55
CIELCh	66, 37.209, 196.477
Yxy	35.7279, 0.2274, 0.3287
Android (android.graphics.Color)	4280005555 (0xFF1BB3B3)
YUV	133.5520, 22.4059, -93.4461
Hunter-Lab	59.7728, -30.8144, -6.0111

Details

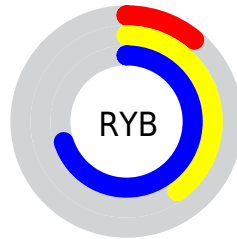
The Hex color **1BB3B3** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B31B1B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **69EBEB**, and **007E7E** is the 20% darker color. If you saturate the color by 10%, you get **09B3B3**, and if you desaturate by 10%, it is **2DB3B3**.

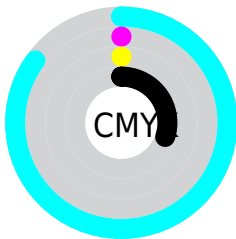
Distribution



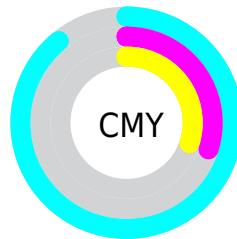
- Red (11%)
- Green (70%)
- Blue (70%)



- Red (11%)
- Yellow (40%)
- Blue (70%)



- Cyan (85%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (89%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB3B3 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 1BB3B3 by changing the saturation by 10% instead.

 1BB3B3

 1BB3B3

FFFFFF

 009898

 69EBEB

 007E7E

 89FFFF

 006465

 A7FFFF

 004B4E

 C6FFFF

 003437

 E4FFFF

 001F21

 00000A

 000000

 1BB3B3

 1BB3B3

09B3B3

2DB3B3

00B3B3

3FB3B3

51B3B3

63B3B3

74B3B3

86B3B3

98B3B3

AAB3B3

BCB3B3

Harmonies

Analogous

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



53B290



1BB3B3



09B0D1

Triad

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



1BB3B3



BC92CF



C49A60

Complementary

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



1BB3B3



B31B1B

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.



DA8F72



1BB3B3



D989B2

Square

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



1BB3B3



8E9EE1



E28890



A5A560

Rectangle

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



1BB3B3



3EACDE



E28890



CD9664

Sweetspot

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



1BB3B3



AEE8E8



1BB31B



527575



F5F5F5



757575

Same Dimension

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



1BB3B3



00E8E8



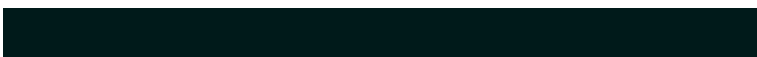
1B67B3



505959



009999



001A1A

Inverse Universe

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



B31BB3



E800E8



B3671B



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 1BB3B3 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 1BB3B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

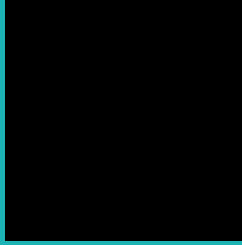
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

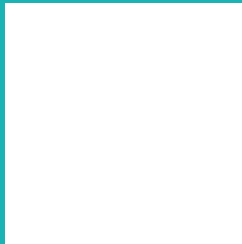
Any Text WCAG AAA ✓ Pass

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

Hex 1BB3B3 Background



This preview shows how black text looks on a background with the Hex color 1BB3B3.

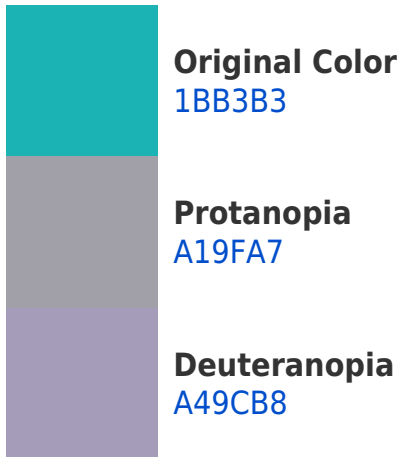


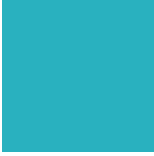
This preview shows how white text looks on a background with the Hex color 1BB3B3.

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](#).

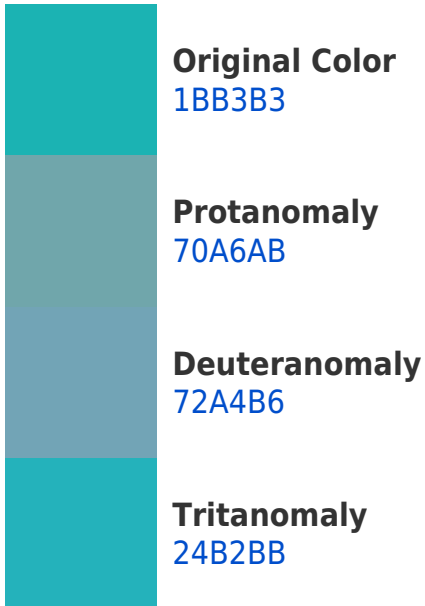
Dichromacy





Tritanopia
29B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB3B3 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 #1BB3B3 looks like.

```
.text, #text, p{  
    color:#1BB3B3  
}
```

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 #1BB3B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB3B3
}
```

Border

The CSS property to change the border of an element to Hex 1BB3B3 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
#1BB3B3 }
```

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

```
.border{ border-color:#1BB3B3 }
```

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

Here you see how a box with a 4 pixel #1BB3B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB3B3; -webkit-box-shadow:4px 4px  
4px 4px #1BB3B3; box-shadow:4px 4px 4px  
4px #1BB3B3 }
```

Background

The CSS property to change the background color of an element to Hex 1BB3B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB3B3 }
```

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

```
.background{ background-color:#1BB3B3 }
```

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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