

Converting Colors

Hex(1BB3CF)

Have a look what the booklet for
Hex(1BB3CF) contains.

Hex(1BB3CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1BB3CF)

Conversions

Conversions Part 1

Format	Color
Hex	1BB3CF
RGB	27, 179, 207
RGB Percent	11%, 70%, 81%
CMY	0.8941, 0.2980, 0.1882
CMYK	0.87, 0.14, 0.00, 0.19
HSL	189°, 77%, 46%
HSV	189°, 87%, 81%
XYZ	27.8346, 36.9782, 64.7020
YIQ	136.7440, -99.5800, -23.5160

Conversions

Conversions Part 2

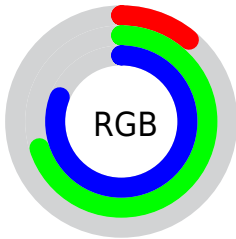
Format	Color
R _Y B	27, 109, 207
Decimal	1815503
CIE Lab	67.26, -26.85, -24.59
CIE LCh	67, 36.407, 222.490
Yxy	36.9782, 0.2149, 0.2855
Android (android.graphics.Color)	4280005583 (0xFF1BB3CF)
YUV	136.7440, 34.6362, -96.2455
Hunter-Lab	60.8097, -24.7117, -20.5182

Details

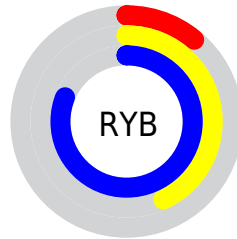
The Hex color **1BB3CF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **CF371B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6DEBFF**, and **007E99** is the 20% darker color. If you saturate the color by 10%, you get **06B0CF**, and if you desaturate by 10%, it is **30B6CF**.

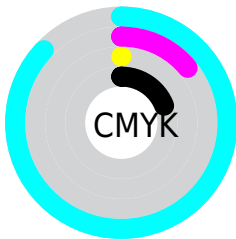
Distribution



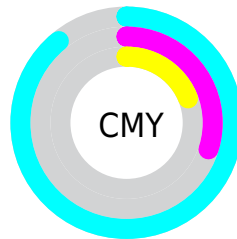
- Red (11%)
- Green (70%)
- Blue (81%)



- Red (11%)
- Yellow (43%)
- Blue (81%)



- Cyan (87%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (89%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB3CF 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 1BB3CF by changing the saturation by 10% instead.

 1BB3CF

 1BB3CF

FFFFFF

 0098B3

 6DEBFF

 007E99

 8DFFFF

 00657F

 ACFFFF

 004C65

 CBFFFF

 00354D

 EAFFFF

 002136

 000221

 000006

 000000

■ 1BB3CF

■ 1BB3CF

■ 06B0CF

■ 30B6CF

■ 00AFCF

■ 44B9CF

■ 59BDCF

■ 6EC0CF

■ 83C3CF

■ 97C6CF

■ ACCACF

■ C1CDCF

■ D5D0CF

Harmonies

Analogous

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



2FB5B1



1BB3CF



52ADE2

Triad

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



1BB3CF



D88DB8



ACA663

Complementary

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



1BB3CF



CF371B

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.



CA9B65



1BB3CF



E48A97

Square

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



1BB3CF



B996D4



DE9079



87AF72

Rectangle

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



1BB3CF



79A6E5



DE9079



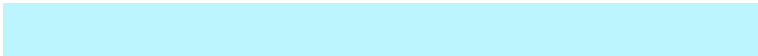
B7A362

Sweetspot

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



1BB3CF



BDF5FF



1BCF36



587980



000000



808080

Same Dimension

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



1BB3CF



00D7FF



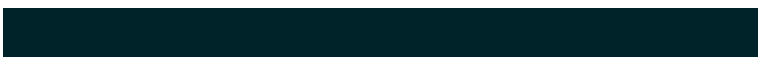
1B5ACF



5E6769



008EA8



002229

Inverse Universe

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



CF1BB3



FF00D7



CF901B



695E67



A8008E



290022

Previews

White Background



This preview shows how the Hex color 1BB3CF looks on a white background.

Color Contrast Check

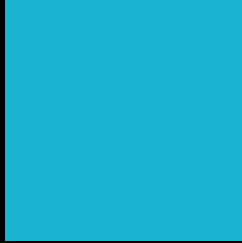
Large Text (above 18pt) WCAG AA × Fail

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 1BB3CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

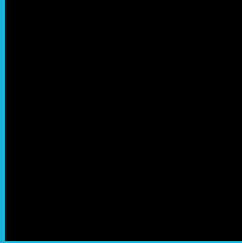
Any Text WCAG AA ✓ Pass

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 1BB3CF Background



This preview shows how black text looks on a background with the Hex color 1BB3CF.

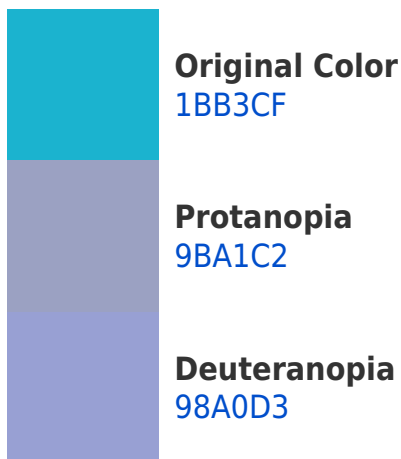


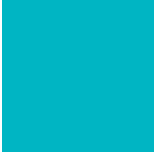
This preview shows how white text looks on a background with the Hex color 1BB3CF.

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](#).

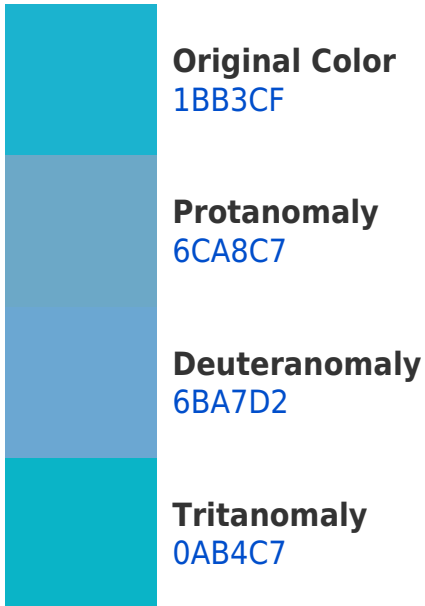
Dichromacy



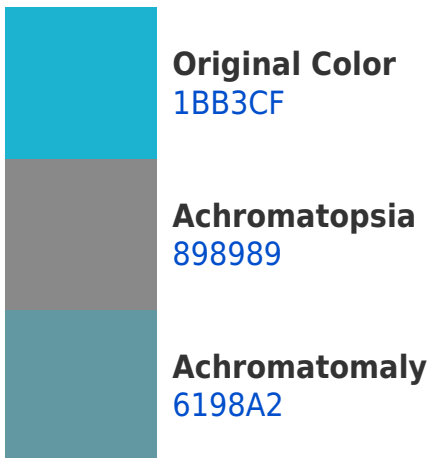


Tritanopia
00B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB3CF 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 #1BB3CF looks like.

```
.text, #text, p{  
    color:#1BB3CF  
}
```

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 #1BB3CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB3CF
}
```

Border

The CSS property to change the border of an element to Hex 1BB3CF 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
#1BB3CF }
```

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

```
.border{ border-color:#1BB3CF }
```

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

Here you see how a box with a 4 pixel #1BB3CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB3CF; -webkit-box-shadow:4px 4px  
4px 4px #1BB3CF; box-shadow:4px 4px 4px  
4px #1BB3CF }
```

Background

The CSS property to change the background color of an element to Hex 1BB3CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB3CF }
```

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

```
.background{ background-color:#1BB3CF }
```

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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