

# Converting Colors

Hex(1BC1D6)

Have a look what the booklet for  
Hex(1BC1D6) contains.

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# **Color**

**Hex(1BC1D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BC1D6
RGB	27, 193, 214
RGB Percent	11%, 76%, 84%
CMY	0.8941, 0.2431, 0.1608
CMYK	0.87, 0.10, 0.00, 0.16
HSL	187°, 78%, 47%
HSV	187°, 87%, 84%
XYZ	31.6596, 43.2280, 70.2935
YIQ	145.7600, -105.6770, -28.6610

# Conversions

## Conversions Part 2

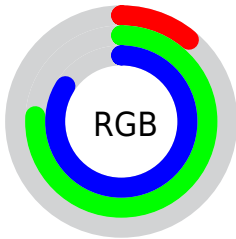
Format	Color
R <sub>Y</sub> B	27, 115, 214
Decimal	1819094
CIE Lab	71.71, -31.46, -21.63
CIE LCh	72, 38.180, 214.512
Yxy	43.2280, 0.2181, 0.2978
Android (android.graphics.Color)	4280009174 (0xFF1BC1D6)
YUV	145.7600, 33.6423, -104.1525
Hunter-Lab	65.7480, -29.1061, -17.3655

# Details

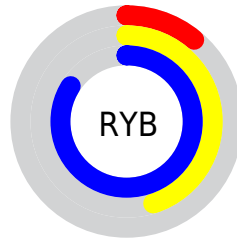
The Hex color **1BC1D6** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D6301B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **70FAFF**, and **008B9F** is the 20% darker color. If you saturate the color by 10%, you get **06BFD6**, and if you desaturate by 10%, it is **30C3D6**.

# Distribution



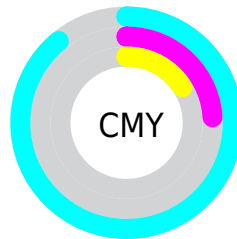
- Red (11%)
- Green (76%)
- Blue (84%)



- Red (11%)
- Yellow (45%)
- Blue (84%)



- Cyan (87%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (89%)
- Magenta (24%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BC1D6 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 1BC1D6 by changing the saturation by 10% instead.



 1BC1D6

 1BC1D6

FFFFFF

 00A6BA

 70FAFF

 008B9F

 91FFFF

 007185

 B0FFFF

 00586C

 CFFFFFF

 004053

 EFFFFFF

 002A3C

 000E27

 000111

 000000

■ 1BC1D6

■ 1BC1D6

■ 06BFD6

■ 30C3D6

■ 00BED6

■ 46C6D6

■ 5BC8D6

■ 71CBD6

■ 86CDD6

■ 9BCFD6

■ B1D2D6

■ C6D4D6

■ DCD7D6

# Harmonies

## Analogous

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



42C2B4



1BC1D6



49BBEE

# Triad

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



1BC1D6



E099CE



C2AF69

# Complementary

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



1BC1D6



D6301B

# 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.



DFA372



1BC1D6



F295AC

# Square

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



1BC1D6



BBA5E9



F1998A



9CB975

# Rectangle

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



1BC1D6



72B5F4



F1998A



CDAB6A



# Sweetspot

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



1BC1D6



BDF8FF



1BD62E



587B80



000000



808080

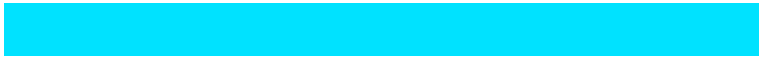


# Same Dimension

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



1BC1D6



00E2FF



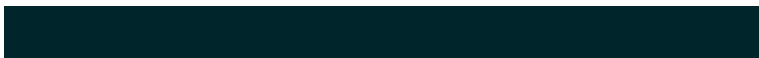
1B66D6



606A6B



0098AB



00262B



# Inverse Universe

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



D61BC1



FF00E2



D68B1B



6B606A



AB0098

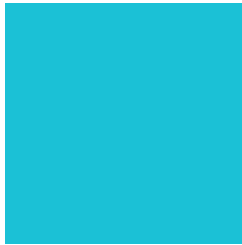


2B0026



# Previews

## White Background



This preview shows how the Hex color 1BC1D6 looks on a white background.

## Color Contrast Check

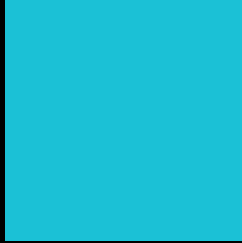
Large Text (above 18pt) WCAG AA × Fail

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 1BC1D6 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 1BC1D6 Background



This preview shows how black text looks on a background with the Hex color 1BC1D6.

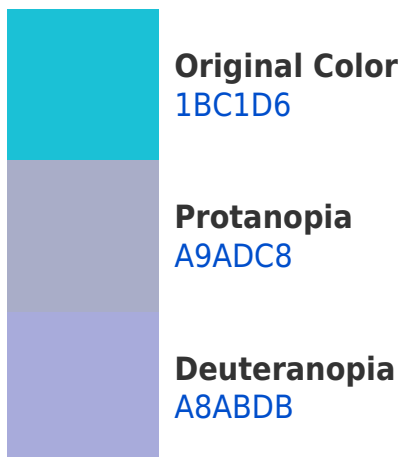


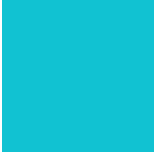
This preview shows how white text looks on a background with the Hex color 1BC1D6.

# 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](#).

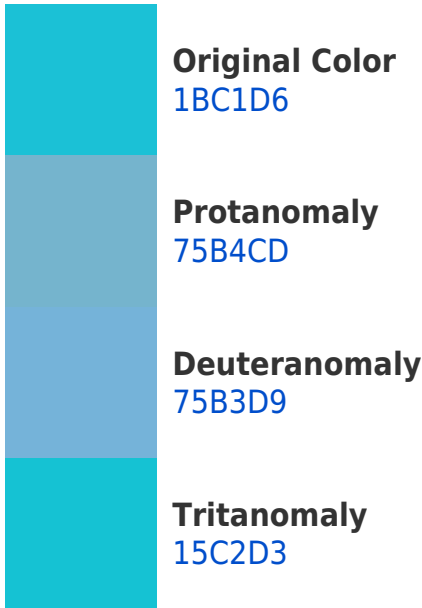
## Dichromacy



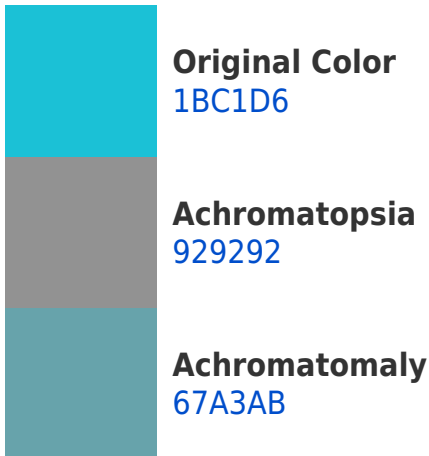


**Tritanopia**  
11C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BC1D6 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 #1BC1D6 looks like.

```
.text, #text, p{  
    color:#1BC1D6  
}
```

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 #1BC1D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BC1D6
}
```

## Border

The CSS property to change the border of an element to Hex 1BC1D6 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
#1BC1D6 }
```

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

```
.border{ border-color:#1BC1D6 }
```

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

Here you see how a box with a 4 pixel #1BC1D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BC1D6; -webkit-box-shadow:4px 4px  
4px 4px #1BC1D6; box-shadow:4px 4px 4px  
4px #1BC1D6 }
```

# Background

The CSS property to change the background color of an element to Hex 1BC1D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BC1D6 }
```

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

```
.background{ background-color:#1BC1D6 }
```

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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