

# Converting Colors

Hex(01BCBC)

Have a look what the booklet for  
Hex(01BCBC) contains.

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# Color

**Hex(01BCBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01BCBC
RGB	1, 188, 188
RGB Percent	0%, 74%, 74%
CMY	0.9961, 0.2627, 0.2627
CMYK	0.99, 0.00, 0.00, 0.26
HSL	180°, 99%, 37%
HSV	180°, 99%, 74%
XYZ	27.0728, 39.6037, 53.7944
YIQ	132.0870, -111.4520, -39.6440

# Conversions

## Conversions Part 2

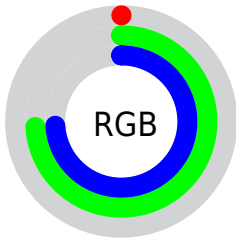
Format	Color
<a href="#">RYB</a>	1, 95, 188
Decimal	113852
CIELab	69.19, -38.20, -11.24
CIELCh	69, 39.821, 196.389
Yxy	39.6037, 0.2247, 0.3287
Android (android.graphics.Color)	4278303932 (0xFF01BCBC)
YUV	132.0870, 27.5651, -114.9633
Hunter-Lab	62.9315, -33.3402, -6.6295

# Details

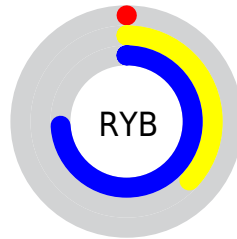
The Hex color **01BCBC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC0101**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66F5F4**, and **008687** is the 20% darker color. If you saturate the color by 10%, you get **00BCBC**, and if you desaturate by 10%, it is **14BCBC**.

# Distribution



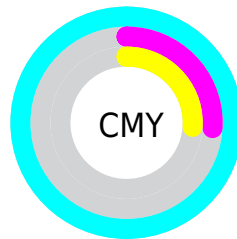
- Red (0%)
- Green (74%)
- Blue (74%)



- Red (0%)
- Yellow (37%)
- Blue (74%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01BCBC 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 01BCBC by changing the saturation by 10% instead.



 01BCBC

 01BCBC

FFFFFF

 00A1A1

 66F5F4

 008687

 86FFFF

 006C6E

 A6FFFF

 005355

 C4FFFF

 003B3E

 E3FFFF

 002628

 000115

 000000

 01BCBC

 01BCBC

■ 00BCBC

■ 14BCBC

■ 27BCBC

■ 39BCBC

■ 4CBCBC

■ 5FBCBC

■ 72BCBC

■ 85BCBC

■ 97BCBC

■ AABCBC

# Harmonies

## Analogous

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



54BB97



01BCBC



00B9DC

# Triad

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



01BCBC



C698DB



CFA163

# Complementary

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



01BCBC



BC0101

# 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.



E69576



01BCBC



E58EBB

# Square

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



01BCBC



94A6EE



EF8D96



ADAD62

# Rectangle

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



01BCBC



39B4EA



EF8D96



D89D67



# Sweetspot

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



01BCBC



ABF5F5



01BC01



4E7A7A



FAFAFA



7A7A7A



# Same Dimension

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



01BCBC



00F5F5



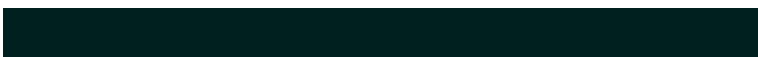
015FBC



555E5E



009E9E



001F1F



# Inverse Universe

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



BC01BC



F500F5



BC5F01



5E555E



9E009E



1F001F



# Previews

## White Background



This preview shows how the Hex color 01BCBC looks on a white background.

## Color Contrast Check

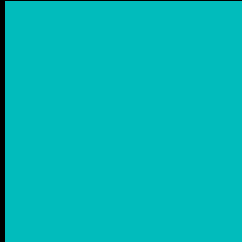
Large Text (above 18pt) WCAG AA × Fail

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 01BCBC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

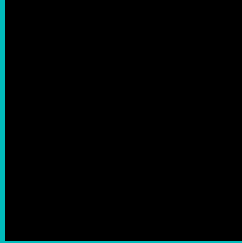
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 01BCBC Background



This preview shows how black text looks on a background with the Hex color 01BCBC.



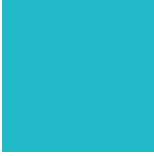
This preview shows how white text looks on a background with the Hex color 01BCBC.

# 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**  
22BAC9

# Trichromacy



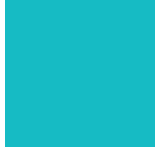
**Original Color**  
01BCBC



**Protanomaly**  
6CAFB4



**Deuteranomaly**  
6EADBF



**Tritanomaly**  
16BBC4

# Monochromacy



**Original Color**  
01BCBC



**Achromatopsia**  
848484



**Achromatomaly**  
549898

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01BCBC 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 #01BCBC looks like.

```
.text, #text, p{  
    color:#01BCBC  
}
```

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 #01BCBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01BCBC
}
```

## Border

The CSS property to change the border of an element to Hex 01BCBC 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
#01BCBC }
```

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

```
.border{ border-color:#01BCBC }
```

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

Here you see how a box with a 4 pixel #01BCBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01BCBC; -webkit-box-shadow:4px 4px  
4px 4px #01BCBC; box-shadow:4px 4px 4px  
4px #01BCBC }
```

# Background

The CSS property to change the background color of an element to Hex 01BCBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01BCBC }
```

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

```
.background{ background-color:#01BCBC }
```

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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