

# Converting Colors

Hex(3BC3B0)

Have a look what the booklet for  
Hex(3BC3B0) contains.

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# Color

**Hex(3BC3B0)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3BC3B0                       |
| RGB         | 59, 195, 176                 |
| RGB Percent | 23%, 76%, 69%                |
| CMY         | 0.7686, 0.2353, 0.3098       |
| CMYK        | 0.70, 0.00, 0.10, 0.24       |
| HSL         | 172°, 54%, 50%               |
| HSV         | 172°, 70%, 76%               |
| XYZ         | 29.1552, 43.0946, 47.8557    |
| YIQ         | 152.1700, -74.9570, -34.7410 |

# Conversions

## Conversions Part 2

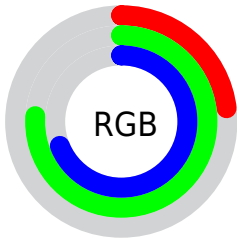
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">59, 132, 195</a>                                 |
| Decimal                             | <a href="#">3916720</a>                                      |
| CIELab                              | <a href="#">71.62, -40.46, -0.99</a>                         |
| CIELCh                              | <a href="#">72, 40.474, 181.408</a>                          |
| Yxy                                 | <a href="#">43.0946, 0.2427, 0.3588</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4282106800</a><br>( <a href="#">0xFF3BC3B0</a> ) |
| YUV                                 | <a href="#">152.1700, 11.7482, -81.7101</a>                  |
| Hunter-Lab                          | <a href="#">65.6465, -35.6051, 2.7306</a>                    |

# Details

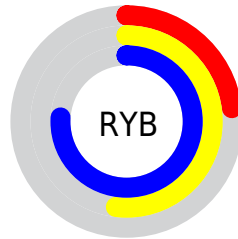
The Hex color **3BC3B0** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C33B4E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7CFCE8**, and **008C7C** is the 20% darker color. If you saturate the color by 10%, you get **28C3AD**, and if you desaturate by 10%, it is **4FC3B3**.

# Distribution



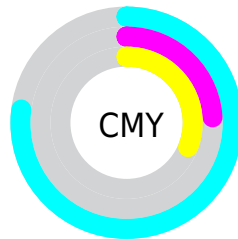
- Red (23%)
- Green (76%)
- Blue (69%)



- Red (23%)
- Yellow (52%)
- Blue (76%)



- Cyan (70%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (77%)
- Magenta (24%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BC3B0 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 3BC3B0 by changing the saturation by 10% instead.



 3BC3B0

 3BC3B0

FFFFFF

 00A795


 7CFCE8

 008C7C

 9AFFFF

 007263

 B8FFFF

 00594B

 D7FFFF

 004134

 F5FFFF

 002B1F

 000B08

 000000

 3BC3B0

 3BC3B0

■ 28C3AD

■ 4FC3B3

■ 14C3AB

■ 62C3B5

■ 01C3A8

■ 76C3B8

■ 00C3A8

■ 89C3BB

■ 9DC3BE

■ B0C3C0

■ C4C3C3

■ D7C3C6

■ EBC3C9

# Harmonies

## Analogous

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



72C08B



3BC3B0



00C2D5

# Triad

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



3BC3B0



B6A5EE



E4A16F

# Complementary

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



3BC3B0



C33B4E

# 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.



F5968B



3BC3B0



DF99D3

# Square

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



3BC3B0



7BB3F9



F592AF



C6AE65

# Rectangle

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



3BC3B0



07BFE8



F592AF



EB9D77

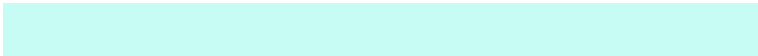


# Sweetspot

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



3BC3B0



C7FCF5



4FC33B



60807B



000000



808080



# Same Dimension

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



3BC3B0



28FCDF



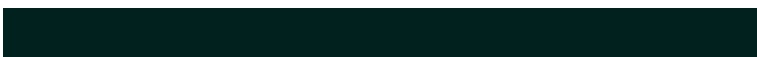
3B93C3



576160



00A18A



00211D



# Inverse Universe

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



C33B4E



FC2846



C36B3B



615759



A10016

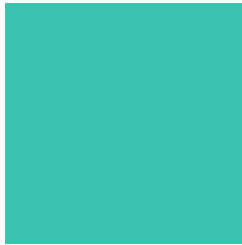


210005



# Previews

## White Background



This preview shows how the Hex color 3BC3B0 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 3BC3B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

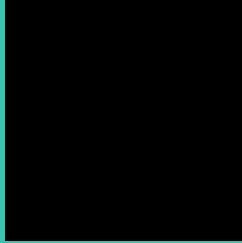
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

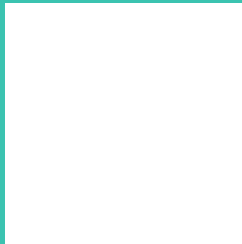
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BC3B0 Background



This preview shows how black text looks on a background with the Hex color 3BC3B0.



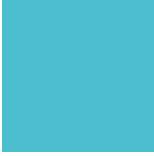
This preview shows how white text looks on a background with the Hex color 3BC3B0.

# 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**  
4BBFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BC3B0 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 #3BC3B0 looks like.

```
.text, #text, p{  
    color:#3BC3B0  
}
```

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 #3BC3B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC3B0
}
```

## Border

The CSS property to change the border of an element to Hex 3BC3B0 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
#3BC3B0 }
```

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

```
.border{ border-color:#3BC3B0 }
```

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

Here you see how a box with a 4 pixel #3BC3B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC3B0; -webkit-box-shadow:4px 4px  
4px 4px #3BC3B0; box-shadow:4px 4px 4px  
4px #3BC3B0 }
```

# Background

The CSS property to change the background color of an element to Hex 3BC3B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC3B0 }
```

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

```
.background{ background-color:#3BC3B0 }
```

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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