

Converting Colors

Hex(3BBBB0)

Have a look what the booklet for
Hex(3BBBB0) contains.

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Color

Hex(3BBBB0)

Conversions

Conversions Part 1

Format	Color
Hex	3BBBB0
RGB	59, 187, 176
RGB Percent	23%, 73%, 69%
CMY	0.7686, 0.2667, 0.3098
CMYK	0.68, 0.00, 0.06, 0.27
HSL	175°, 52%, 48%
HSV	175°, 68%, 73%
XYZ	27.4104, 39.6050, 47.2742
YIQ	147.4740, -72.7570, -30.5570

Conversions

Conversions Part 2

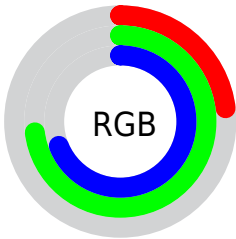
Format	Color
RYB	59, 126, 187
Decimal	3914672
CIELab	69.19, -36.85, -4.57
CIElCh	69, 37.128, 187.069
Yxy	39.6050, 0.2398, 0.3465
Android (android.graphics.Color)	4282104752 (0xFF3BBBB0)
YUV	147.4740, 14.0633, -77.5917
Hunter-Lab	62.9325, -32.3858, -0.4851

Details

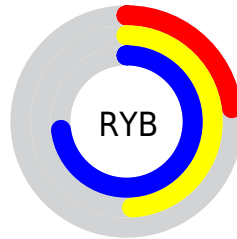
The Hex color **3BBBB0** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BB3B46**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7BF4E8**, and **00857C** is the 20% darker color. If you saturate the color by 10%, you get **28BBAE**, and if you desaturate by 10%, it is **4EBBB2**.

Distribution



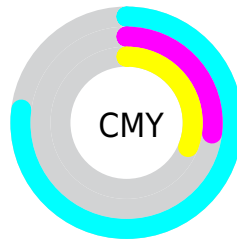
- Red (23%)
- Green (73%)
- Blue (69%)



- Red (23%)
- Yellow (49%)
- Blue (73%)



- Cyan (68%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (77%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BBBB0 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 3BBBB0 by changing the saturation by 10% instead.

 3BBBB0

 3BBBB0

FFFFFF

 04A095

 7BF4E8

 00857C

 99FFFF

 006B63

 B7FFFF

 00524B

 D5FFFF

 003A34

 F3FFFF

 00261F

 000008

 000000

 3BBBB0

 3BBBB0

■ 28BBAE

■ 4EBBB2

■ 16BBAD

■ 60BBB3

■ 03BBAB

■ 73BBB5

■ 00BBAB

■ 86BBB6

■ 98BBB8

■ ABBBBBA

■ BEBBBB

■ D1BBBD

■ E3BBBE

Harmonies

Analogous

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



6AB98E



3BBBB0



19B9D0

Triad

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



3B BBB0



B79DDF



D59E6C

Complementary

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



3BBB0



BB3B46

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.



E79382



3BBBB0



DA93C4

Square

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



3BBBB0



85AAEB



EA8FA2



B7A965

Rectangle

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



3BBB0



37B6E0



EA8FA2



DC9A72

Sweetspot

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



3BBB0



BFF2EE



48BB3B



5C7A78



FAFAFA



7A7A7A

Same Dimension

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



3BBBB0



2CF2E1



3B88BB



555E5E



009E91



001F1C

Inverse Universe

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



BB3B46



F22C3D



BB6E3B



5E5556



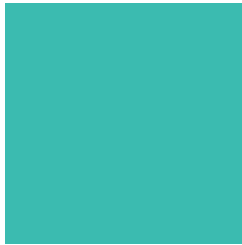
9E000E



1F0003

Previews

White Background



This preview shows how the Hex color 3BBBB0 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 3BBBB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

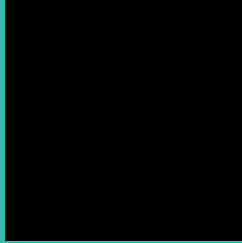
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

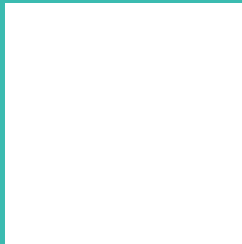
Any Text WCAG AAA ✓ Pass

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

Hex 3BBBB0 Background



This preview shows how black text looks on a background with the Hex color 3BBBB0.

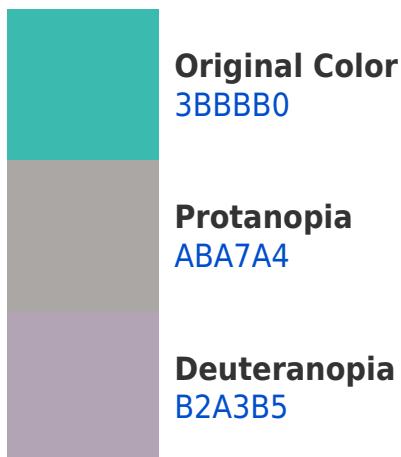


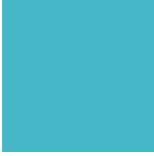
This preview shows how white text looks on a background with the Hex color 3BBBB0.

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
47B8C7

Trichromacy



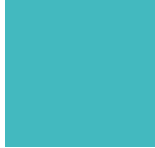
Original Color
3BBBB0



Protanomaly
82AEA8



Deuteranomaly
87ACB3



Tritanomaly
43B9BF

Monochromacy



Original Color
3BBBB0



Achromatopsia
939393



Achromatomaly
73A29E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BBBB0 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 #3BBBB0 looks like.

```
.text, #text, p{  
    color:#3BBBB0  
}
```

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 #3BBBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BBBB0
}
```

Border

The CSS property to change the border of an element to Hex 3BBBB0 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
#3BBBB0 }
```

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

```
.border{ border-color:#3BBBB0 }
```

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

Here you see how a box with a 4 pixel #3BBBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BBBB0; -webkit-box-shadow:4px 4px  
4px 4px #3BBBB0; box-shadow:4px 4px 4px  
4px #3BBBB0 }
```

Background

The CSS property to change the background color of an element to Hex 3BBBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BBBB0 }
```

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

```
.background{ background-color:#3BBBB0 }
```

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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