

Converting Colors

Hex(3BBDB7)

Have a look what the booklet for
Hex(3BBDB7) contains.

Hex(3BBDB7)	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(3BBDB7)

Conversions

Conversions Part 1

Format	Color
Hex	3BBDB7
RGB	59, 189, 183
RGB Percent	23%, 74%, 72%
CMY	0.7686, 0.2588, 0.2824
CMYK	0.69, 0.00, 0.03, 0.26
HSL	177°, 52%, 49%
HSV	177°, 69%, 74%
XYZ	28.5485, 40.7439, 51.1594
YIQ	149.4460, -75.5540, -29.4260

Conversions

Conversions Part 2

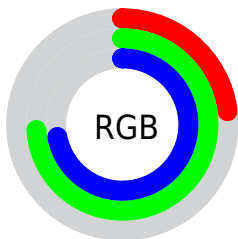
Format	Color
RYB	59, 126, 189
Decimal	3915191
CIELab	70.00, -35.82, -7.21
CIELCh	70, 36.541, 191.387
Yxy	40.7439, 0.2370, 0.3383
Android (android.graphics.Color)	4282105271 (0xFF3BBDB7)
YUV	149.4460, 16.5421, -79.3211
Hunter-Lab	63.8309, -31.8698, -2.8383

Details

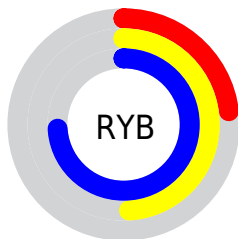
The Hex color **3BBDB7** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BD3B41**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7CF6EF**, and **008782** is the 20% darker color. If you saturate the color by 10%, you get **28BDB6**, and if you desaturate by 10%, it is **4EBDB8**.

Distribution



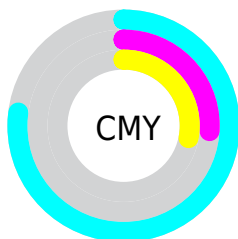
- Red (23%)
- Green (74%)
- Blue (72%)



- Red (23%)
- Yellow (49%)
- Blue (74%)



- Cyan (69%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (77%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BBDB7 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 3BBDB7 by changing the saturation by 10% instead.



3BBDB7



3BBDB7

FFFFFF



01A29C



7CF6EF



008782



9AFFFF



006D69



B8FFFF



005451



D6FFFF



003C3A



F4FFFF



002725



000110



000000



3BBDB7



3BBDB7

■ 28BDB6

■ 4EBDB8

■ 15BDB5

■ 61BDB9

■ 02BDB4

■ 74BDBA

■ 00BDB4

■ 87BDBA

■ 9ABDBB

■ ACBDBC

■ BFBDBD

■ D2BDBE

■ E5BDBF

Harmonies

Analogous

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



67BB95



3BBDB7



29BBD6

Triad

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



3BBDB7



BF9EDD



D3A26D

Complementary

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



3BBDB7



BD3B41

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.



E79781



3BBDB7



DF94C1

Square

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



3BBDB7



90AAEC



EC919F



B5AD69

Rectangle

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



3BBDB7



46B7E4



EC919F



DB9E72

Sweetspot

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



3BBDB7



C1F5F2



41BD3B



5C7A79



FAFAFA



7A7A7A

Same Dimension

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



3BBDB7



2AF5EB



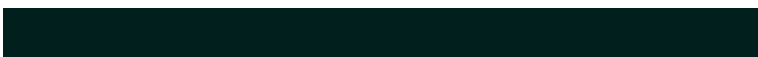
3B83BD



555E5E



009E97



001F1D

Inverse Universe

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



BD3B41



F52A33



BD763B



5E5555



9E0007



1F0001

Previews

White Background



This preview shows how the Hex color 3BBDB7 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 3BBDB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

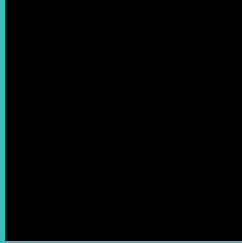
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

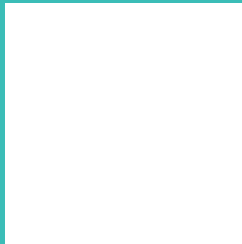
Any Text WCAG AAA ✓ Pass

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

Hex 3BBDB7 Background



This preview shows how black text looks on a background with the Hex color 3BBDB7.

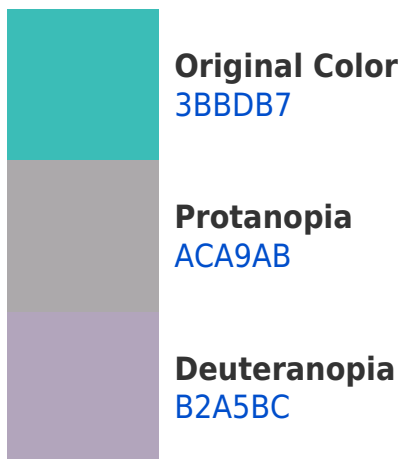


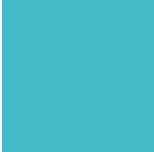
This preview shows how white text looks on a background with the Hex color 3BBDB7.

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](#).

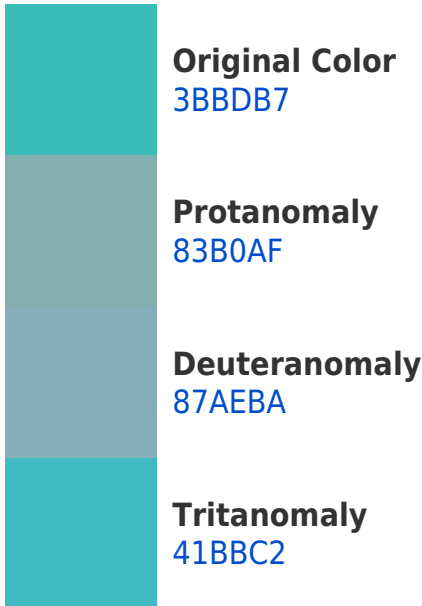
Dichromacy



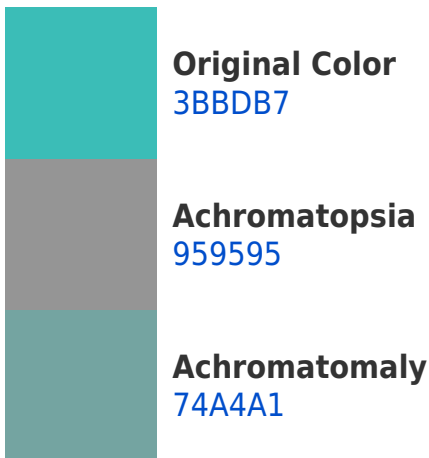


Tritanopia
45BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BBDB7 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 #3BBDB7 looks like.

```
.text, #text, p{  
    color:#3BBDB7  
}
```

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 #3BBDB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BBDB7
}
```

Border

The CSS property to change the border of an element to Hex 3BBDB7 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
#3BBDB7 }
```

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

```
.border{ border-color:#3BBDB7 }
```

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

Here you see how a box with a 4 pixel #3BBDB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BBDB7; -webkit-box-shadow:4px 4px  
4px 4px #3BBDB7; box-shadow:4px 4px 4px  
4px #3BBDB7 }
```

Background

The CSS property to change the background color of an element to Hex 3BBDB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BBDB7 }
```

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

```
.background{ background-color:#3BBDB7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor