

Converting Colors

Hex(00B7B3)

Have a look what the booklet for
Hex(00B7B3) contains.

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Color

Hex(00B7B3)

Conversions

Conversions Part 1

Format	Color
Hex	00B7B3
RGB	0, 183, 179
RGB Percent	0%, 72%, 70%
CMY	1.0000, 0.2824, 0.2980
CMYK	1.00, 0.00, 0.02, 0.28
HSL	179°, 100%, 36%
HSV	179°, 100%, 72%
XYZ	25.0702, 37.1216, 48.4917
YIQ	127.8270, -107.7840, -40.0400

Conversions

Conversions Part 2

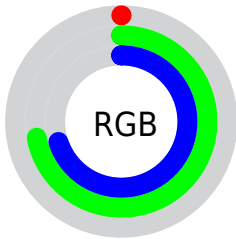
Format	Color
RYB	0, 93, 183
Decimal	47027
CIELab	67.37, -38.69, -8.99
CIELCh	67, 39.719, 193.088
Yxy	37.1216, 0.2265, 0.3354
Android (android.graphics.Color)	4278237107 (0xFF00B7B3)
YUV	127.8270, 25.2283, -112.1043
Hunter-Lab	60.9275, -33.1749, -4.5391

Details

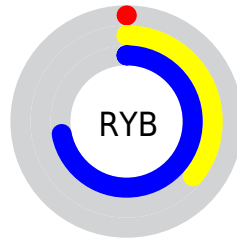
The Hex color **00B7B3** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B70004**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **64F0EB**, and **00817E** is the 20% darker color. If you saturate the color by 10%, you get **00B7B3**, and if you desaturate by 10%, it is **12B7B3**.

Distribution



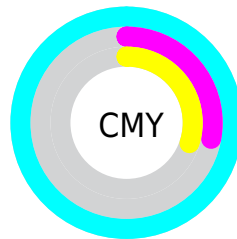
- Red (0%)
- Green (72%)
- Blue (70%)



- Red (0%)
- Yellow (36%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B7B3 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 00B7B3 by changing the saturation by 10% instead.

 00B7B3

 00B7B3

FFFFFF

 009C98

 64F0EB

 00817E

 84FFFF

 006765

 A3FFFF

 004F4E

 C1FFFF

 003737

 E0FFFF

 002221

 00000B

 000000

 00B7B3

 12B7B3

 25B7B4

 37B7B4

 49B7B5

 5CB7B5

 6EB7B5

 80B7B6

 92B7B6

 A5B7B7

Harmonies

Analogous

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



55B58E



00B7B3



00B4D4

Triad

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



00B7B3



BC95D9



CC9B60

Complementary

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



00B7B3



B70004

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.



E38F75



00B7B3



DD8ABA

Square

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



00B7B3



89A2EA



E98896



ACA75D

Rectangle

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



00B7B3



26B0E3



E98896



D59765

Sweetspot

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



00B7B3



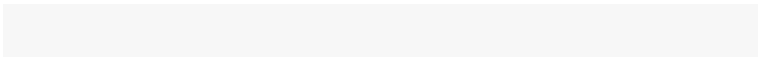
A6EDEC



06B700



4D7877



F7F7F7



787878

Same Dimension

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



00B7B3



00EDE8



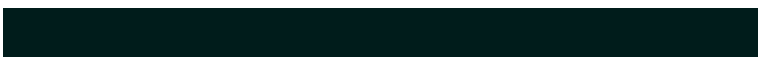
0062B7



535C5C



009C98



001C1B

Inverse Universe

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



B70004



ED0005



B75500



5C5353



9C0003



1C0001

Previews

White Background



This preview shows how the Hex color 00B7B3 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 00B7B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

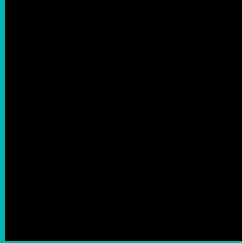
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

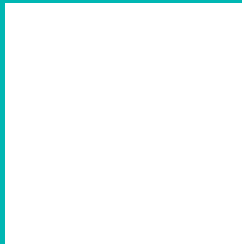
Any Text WCAG AAA ✓ Pass

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

Hex 00B7B3 Background



This preview shows how black text looks on a background with the Hex color 00B7B3.

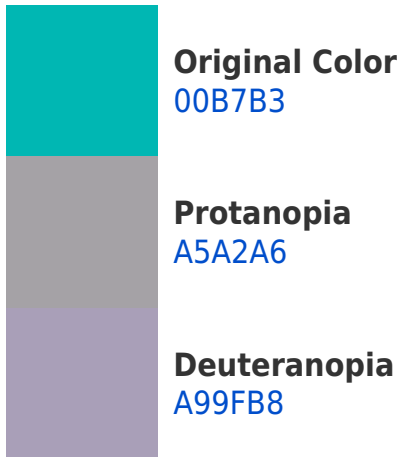


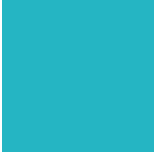
This preview shows how white text looks on a background with the Hex color 00B7B3.

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
25B5C3

Trichromacy



Original Color
00B7B3



Protanomaly
69AAAB



Deuteranomaly
6CA8B6



Tritanomaly
18B6BD

Monochromacy



Original Color
00B7B3



Achromatopsia
808080



Achromatomaly
519493

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B7B3 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 #00B7B3 looks like.

```
.text, #text, p{  
    color:#00B7B3  
}
```

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 #00B7B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B7B3
}
```

Border

The CSS property to change the border of an element to Hex 00B7B3 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
#00B7B3 }
```

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

```
.border{ border-color:#00B7B3 }
```

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

Here you see how a box with a 4 pixel #00B7B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B7B3; -webkit-box-shadow:4px 4px  
4px 4px #00B7B3; box-shadow:4px 4px 4px  
4px #00B7B3 }
```

Background

The CSS property to change the background color of an element to Hex 00B7B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B7B3 }
```

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

```
.background{ background-color:#00B7B3 }
```

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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