

Converting Colors

Hex(00BAB5)

Have a look what the booklet for
Hex(00BAB5) contains.

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Color

Hex(00BAB5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00BAB5 |
| RGB | 0, 186, 181 |
| RGB Percent | 0%, 73%, 71% |
| CMY | 1.0000, 0.2706, 0.2902 |
| CMYK | 1.00, 0.00, 0.03, 0.27 |
| HSL | 178°, 100%, 36% |
| HSV | 178°, 100%, 73% |
| XYZ | 25.8994, 38.4540, 49.7734 |
| YIQ | 129.8160, -109.2510, -40.9870 |

Conversions

Conversions Part 2

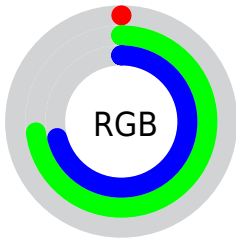
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 94, 186 |
| Decimal | 47797 |
| CIELab | 68.35, -39.44, -8.63 |
| CIELCh | 68, 40.372, 192.342 |
| Yxy | 38.4540, 0.2269, 0.3369 |
| Android (android.graphics.Color) | 4278237877 (0xFF00BAB5) |
| YUV | 129.8160, 25.2337, -113.8486 |
| Hunter-Lab | 62.0113, -33.9682, -4.1812 |

Details

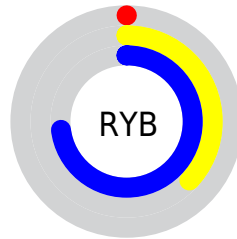
The Hex color **00BAB5** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BA0005**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **64F3ED**, and **008480** is the 20% darker color. If you saturate the color by 10%, you get **00BAB5**, and if you desaturate by 10%, it is **13BAB6**.

Distribution



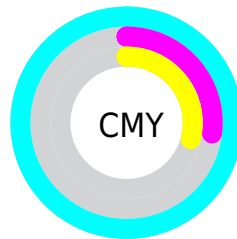
- Red (0%)
- Green (73%)
- Blue (71%)



- Red (0%)
- Yellow (37%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BAB5 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 00BAB5 by changing the saturation by 10% instead.

 00BAB5

 00BAB5

FFFFFF

 009F9A

 64F3ED

 008480

 85FFFF

 006A67

 A4FFFF

 00514F

 C3FFFF

 003938

 E1FFFF

 002523

 00010E

 000000

 00BAB5

 13BAB6

 25BAB6

 38BAB7

 4ABAB7

 5DBAB8

 70BAB8

 82BAB9

 95BAB9

 A7BABA

Harmonies

Analogous

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



57B88F



00BAB5



00B8D7

Triad

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



00BAB5



BE98DD



D09D61

Complementary

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



00BAB5



BA0005

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.



E79177



00BAB5



E08DBE

Square

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



00BAB5



89A5EE



ED8A99



AFA95E

Rectangle

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



00BAB5



22B3E6



ED8A99



D99967

Sweetspot

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



00BAB5



AAF2F0



06BA00



4E7A79



FAFAFA



7A7A7A

Same Dimension

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



00BAB5



00F2EC



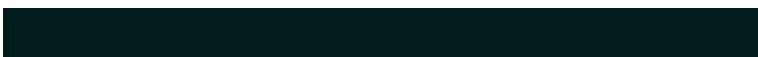
0063BA



535C5C



009C97



001C1B

Inverse Universe

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



BA0005



F20007



BA5700



5C5353



9C0004



1C0001

Previews

White Background



This preview shows how the Hex color 00BAB5 looks on a white background.

Color Contrast Check

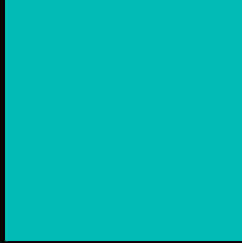
Large Text (above 18pt) WCAG AA × Fail

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 00BAB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

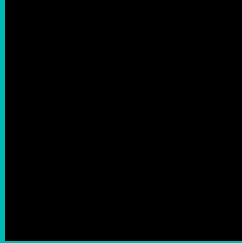
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

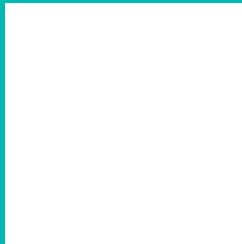
Any Text WCAG AAA ✓ Pass

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

Hex 00BAB5 Background



This preview shows how black text looks on a background with the Hex color 00BAB5.

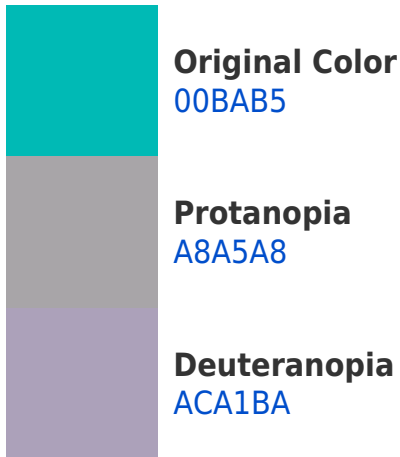


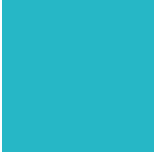
This preview shows how white text looks on a background with the Hex color 00BAB5.

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
26B7C6

Trichromacy



Original Color
00BAB5



Protanomaly
6BADAD



Deuteranomaly
6DAAB8



Tritanomaly
18B8C0

Monochromacy



Original Color
00BAB5



Achromatopsia
828282



Achromatomaly
539695

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BAB5 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 #00BAB5 looks like.

```
.text, #text, p{  
    color:#00BAB5  
}
```

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 #00BAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BAB5  
}
```

Border

The CSS property to change the border of an element to Hex 00BAB5 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  
#00BAB5 }
```

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

```
.border{ border-color:#00BAB5 }
```

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

Here you see how a box with a 4 pixel #00BAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BAB5; -webkit-box-shadow:4px 4px  
4px 4px #00BAB5; box-shadow:4px 4px 4px  
4px #00BAB5 }
```

Background

The CSS property to change the background color of an element to Hex 00BAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BAB5 }
```

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

```
.background{ background-color:#00BAB5 }
```

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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