

Converting Colors

Hex(00B5B6)

Have a look what the booklet for
Hex(00B5B6) contains.

Hex(00B5B6)	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(00B5B6)

Conversions

Conversions Part 1

Format	Color
Hex	00B5B6
RGB	0, 181, 182
RGB Percent	0%, 71%, 71%
CMY	1.0000, 0.2902, 0.2863
CMYK	1.00, 0.01, 0.00, 0.29
HSL	180°, 100%, 36%
HSV	180°, 100%, 71%
XYZ	24.9674, 36.4251, 49.9708
YIQ	126.9950, -108.1970, -38.0610

Conversions

Conversions Part 2

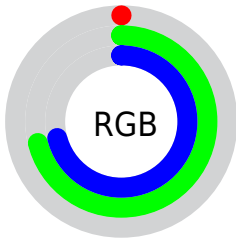
Format	Color
RYB	0, 91, 182
Decimal	46518
CIELab	66.84, -36.86, -11.44
CIELCh	67, 38.598, 197.236
Yxy	36.4251, 0.2242, 0.3271
Android (android.graphics.Color)	4278236598 (0xFF00B5B6)
YUV	126.9950, 27.1175, -111.3746
Hunter-Lab	60.3532, -31.7750, -6.8432

Details

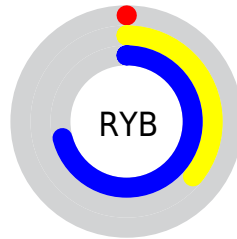
The Hex color **00B5B6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B60100**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **64EDEE**, and **007F81** is the 20% darker color. If you saturate the color by 10%, you get **00B5B6**, and if you desaturate by 10%, it is **12B5B6**.

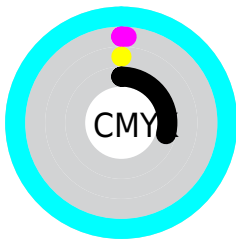
Distribution



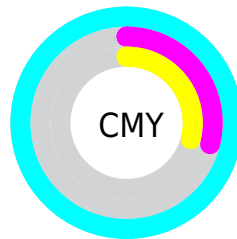
- Red (0%)
- Green (71%)
- Blue (71%)



- Red (0%)
- Yellow (36%)
- Blue (71%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B5B6 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 00B5B6 by changing the saturation by 10% instead.

 00B5B6

 00B5B6

FFFFFF

 009A9B

 64EDEE

 007F81

 84FFFF

 006668

 A3FFFF

 004D50

 C2FFFF

 003539

 E0FFFF

 002124

 00010E

 000000

 00B5B6

 12B5B6

 24B5B6

 37B5B6

 49B5B6

 5BB6B6

 6DB6B6

 7FB6B6

 92B6B6

 A4B6B6

Harmonies

Analogous

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



4FB492



00B5B6



00B2D5

Triad

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



00B5B6



BF92D2



C69B5F

Complementary

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



00B5B6



B60100

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.



DD9071



00B5B6



DD89B3

Square

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



00B5B6



909FE5



E68890



A5A75F

Rectangle

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



00B5B6



39ADE2



E68890



CF9763

Sweetspot

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



00B5B6



A6EDED



00B600



4D7878



F7F7F7



787878

Same Dimension

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



00B5B6



00ECED



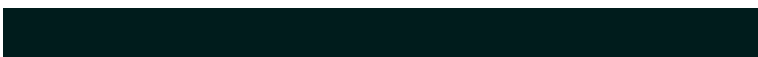
005BB6



535C5C



009B9C



001C1C

Inverse Universe

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



B600B5



ED00EC



B65B00



5C535C



9C009B



1C001C

Previews

White Background



This preview shows how the Hex color 00B5B6 looks on a white background.

Color Contrast Check

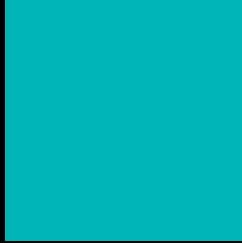
Large Text (above 18pt) WCAG AA × Fail

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 00B5B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

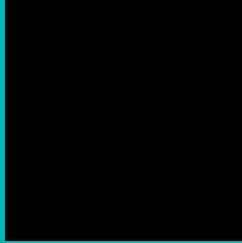
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

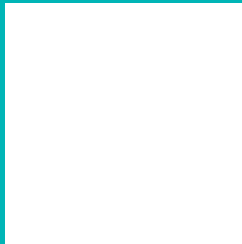
Any Text WCAG AAA ✓ Pass

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

Hex 00B5B6 Background



This preview shows how black text looks on a background with the Hex color 00B5B6.

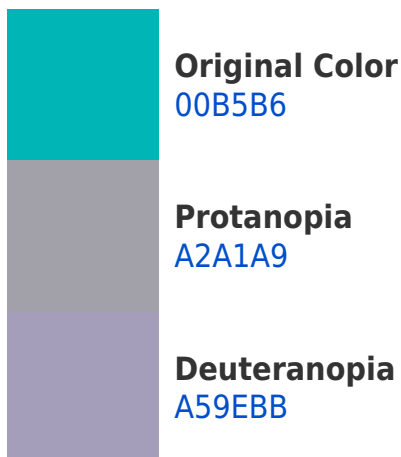


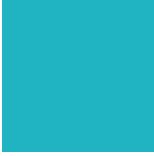
This preview shows how white text looks on a background with the Hex color 00B5B6.

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
20B3C2

Trichromacy



Original Color
00B5B6



Protanomaly
67A8AE



Deuteranomaly
69A6B9



Tritanomaly
14B4BE

Monochromacy



Original Color
00B5B6



Achromatopsia
7F7F7F



Achromatomaly
519393

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B5B6 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 #00B5B6 looks like.

```
.text, #text, p{  
    color:#00B5B6  
}
```

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 #00B5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5B6
}
```

Border

The CSS property to change the border of an element to Hex 00B5B6 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
#00B5B6 }
```

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

```
.border{ border-color:#00B5B6 }
```

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

Here you see how a box with a 4 pixel #00B5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5B6; -webkit-box-shadow:4px 4px  
4px 4px #00B5B6; box-shadow:4px 4px 4px  
4px #00B5B6 }
```

Background

The CSS property to change the background color of an element to Hex 00B5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5B6 }
```

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

```
.background{ background-color:#00B5B6 }
```

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