

Converting Colors

Hex(00BEC7)

Have a look what the booklet for
Hex(00BEC7) contains.

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Color

Hex(00BEC7)

Conversions

Conversions Part 1

Format	Color
Hex	00BEC7
RGB	0, 190, 199
RGB Percent	0%, 75%, 78%
CMY	1.0000, 0.2549, 0.2196
CMYK	1.00, 0.05, 0.00, 0.22
HSL	183°, 100%, 39%
HSV	183°, 100%, 78%
XYZ	28.7223, 40.9504, 60.4232
YIQ	134.2160, -116.1290, -37.4810

Conversions

Conversions Part 2

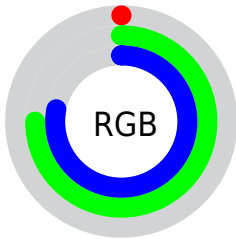
Format	Color
RYB	0, 97, 199
Decimal	48839
CIELab	70.14, -35.77, -15.83
CIELCh	70, 39.117, 203.877
Yxy	40.9504, 0.2208, 0.3148
Android (android.graphics.Color)	4278238919 (0xFF00BEC7)
YUV	134.2160, 31.9385, -117.7074
Hunter-Lab	63.9925, -31.8694, -11.1882

Details

The Hex color **00BEC7** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C70900**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68F7FF**, and **008891** is the 20% darker color. If you saturate the color by 10%, you get **00BEC7**, and if you desaturate by 10%, it is **14BFC7**.

Distribution



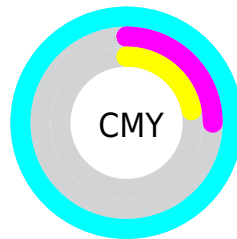
- Red (0%)
- Green (75%)
- Blue (78%)



- Red (0%)
- Yellow (38%)
- Blue (78%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BEC7 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 00BEC7 by changing the saturation by 10% instead.

 00BEC7


 00BEC7

FFFFFF

 00A3AC

 68F7FF

 008891

 88FFFF

 006E77

 A8FFFF

 00555F

 C7FFFF

 003D47

 E6FFFF

 002831

 00031C

 000000

 00BEC7

 14BFC7

 28C0C7

 3CC1C7

 50C2C7

 64C3C7

 77C3C7

 8BC4C7

 9FC5C7

 B3C6C7

Harmonies

Analogous

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



4CBEA3



00BEC7



20BAE4

Triad

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



00BEC7



D198D6



C9A764

Complementary

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



00BEC7



C70900

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.



E49A73



00BEC7



EB90B4

Square

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



00BEC7



A5A5EC



F09191



A6B269

Rectangle

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



00BEC7



53B5EF



F09191



D3A367

Sweetspot

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



00BEC7



B3FCFF



00C707



527D80



000000



808080

Same Dimension

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



00BEC7



00F3FF



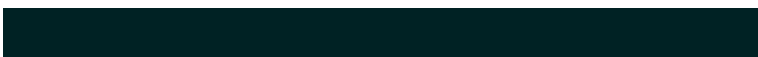
005DC7



5A6363



009CA3



002224

Inverse Universe

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



C700BE



FF00F3



C76A00



635A63



A3009C



240022

Previews

White Background



This preview shows how the Hex color 00BEC7 looks on a white background.

Color Contrast Check

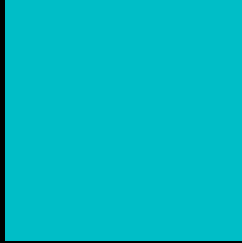
Large Text (above 18pt) WCAG AA × Fail

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 00BEC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

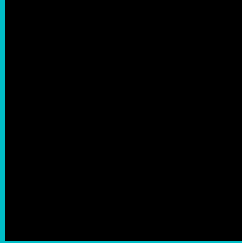
Any Text WCAG AA ✓ Pass

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 00BEC7 Background



This preview shows how black text looks on a background with the Hex color 00BEC7.

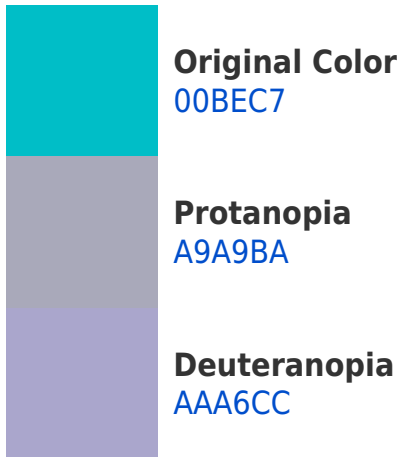


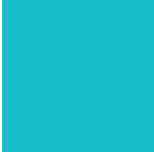
This preview shows how white text looks on a background with the Hex color 00BEC7.

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
17BDCD

Trichromacy



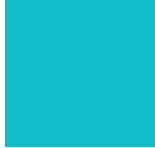
Original Color
00BEC7



Protanomaly
6CB1BF



Deuteranomaly
6CAFCA



Tritanomaly
0FBDCB

Monochromacy



Original Color
00BEC7



Achromatopsia
868686



Achromatomaly
559A9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BEC7 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 #00BEC7 looks like.

```
.text, #text, p{  
    color:#00BEC7  
}
```

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 #00BEC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BEC7
}
```

Border

The CSS property to change the border of an element to Hex 00BEC7 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
#00BEC7 }
```

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

```
.border{ border-color:#00BEC7 }
```

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

Here you see how a box with a 4 pixel #00BEC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BEC7; -webkit-box-shadow:4px 4px  
4px 4px #00BEC7; box-shadow:4px 4px 4px  
4px #00BEC7 }
```

Background

The CSS property to change the background color of an element to Hex 00BEC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BEC7 }
```

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

```
.background{ background-color:#00BEC7 }
```

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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