

# Converting Colors

Hex(00BBC3)

Have a look what the booklet for  
Hex(00BBC3) contains.

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**Color**

**Hex(00BBC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BBC3
RGB	0, 187, 195
RGB Percent	0%, 73%, 76%
CMY	1.0000, 0.2667, 0.2353
CMYK	1.00, 0.04, 0.00, 0.24
HSL	182°, 100%, 38%
HSV	182°, 100%, 76%
XYZ	27.6207, 39.4808, 57.7946
YIQ	131.9990, -114.0200, -37.1560

# Conversions

## Conversions Part 2

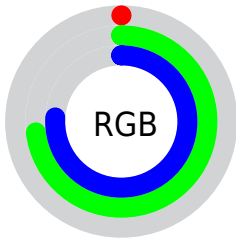
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 95, 195</a>
Decimal	<a href="#">48067</a>
CIELab	<a href="#">69.10, -35.62, -15.21</a>
CIELCh	<a href="#">69, 38.732, 203.128</a>
Yxy	<a href="#">39.4808, 0.2211, 0.3161</a>
Android (android.graphics.Color)	<a href="#">4278238147 (0xFF00BBC3)</a>
YUV	<a href="#">131.9990, 31.0595, -115.7631</a>
Hunter-Lab	<a href="#">62.8337, -31.4934, -10.5514</a>

# Details

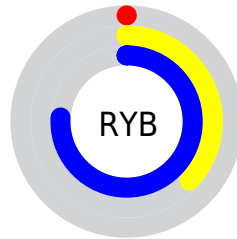
The Hex color **00BBC3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C30800**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **67F4FC**, and **00858D** is the 20% darker color. If you saturate the color by 10%, you get **00BBC3**, and if you desaturate by 10%, it is **13BCC3**.

# Distribution



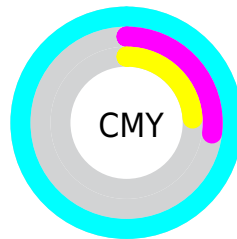
- Red (0%)
- Green (73%)
- Blue (76%)



- Red (0%)
- Yellow (37%)
- Blue (76%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (27%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BBC3 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 00BBC3 by changing the saturation by 10% instead.



 00BBC3

 00BBC3

FFFFFF

 00A0A8

 67F4FC

 00858D

 87FFFF

 006B74

 A6FFFF

 00525B

 C5FFFF

 003A44

 E4FFFF

 00262D

 00011A

 000000

 00BBC3

 13BCC3

 27BDC3

 3BBDC3

 4EBEC3

 62BFC3

 75C0C3

 88C1C3

 9CC1C3

 B0C2C3

# Harmonies

## Analogous

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



4BBB9F



00BBC3



1CB7E0

# Triad

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



00BBC3



CD96D3



C7A463

# Complementary

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



00BBC3



C30800

# 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.



E19872



00BBC3



E78EB2

# Square

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



00BBC3



A1A3E9



ED8F8F



A4AF67

# Rectangle

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



00BBC3



50B2EB



ED8F8F



D1A066



# Sweetspot

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



00BBC3



B1F9FC



00C306



527E80



000000



808080



# Same Dimension

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



00BBC3



00F2FC



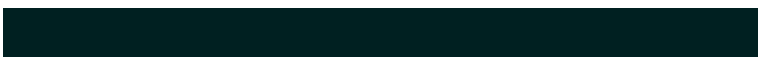
005BC3



576161



009AA1



002021



# Inverse Universe

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



C300BB



FC00F2



C36800



615761



A1009A

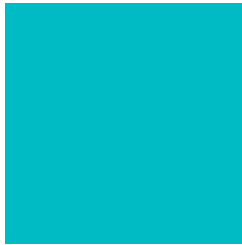


210020



# Previews

## White Background



This preview shows how the Hex color 00BBC3 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 00BBC3 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 00BBC3 Background



This preview shows how black text looks on a background with the Hex color 00BBC3.

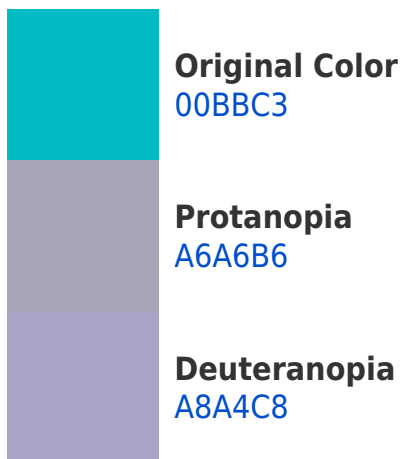


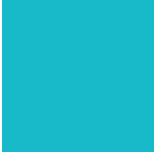
This preview shows how white text looks on a background with the Hex color 00BBC3.

# 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



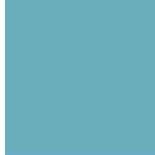


**Tritanopia**  
18BAC9

# Trichromacy



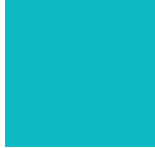
**Original Color**  
00BBC3



**Protanomaly**  
6AAEBB



**Deuteranomaly**  
6BACC6



**Tritanomaly**  
0FBAC7

# Monochromacy



**Original Color**  
00BBC3



**Achromatopsia**  
848484



**Achromatomaly**  
54989B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BBC3 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 #00BBC3 looks like.

```
.text, #text, p{  
    color:#00BBC3  
}
```

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 #00BBC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BBC3
}
```

## Border

The CSS property to change the border of an element to Hex 00BBC3 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
#00BBC3 }
```

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

```
.border{ border-color:#00BBC3 }
```

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

Here you see how a box with a 4 pixel #00BBC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BBC3; -webkit-box-shadow:4px 4px  
4px 4px #00BBC3; box-shadow:4px 4px 4px  
4px #00BBC3 }
```

# Background

The CSS property to change the background color of an element to Hex 00BBC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BBC3 }
```

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

```
.background{ background-color:#00BBC3 }
```

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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