

# Converting Colors

Hex(00BBC2)

Have a look what the booklet for  
Hex(00BBC2) contains.

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# Color

Hex(00BBC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	00BBC2
RGB	0, 187, 194
RGB Percent	0%, 73%, 76%
CMY	1.0000, 0.2667, 0.2392
CMYK	1.00, 0.04, 0.00, 0.24
HSL	182°, 100%, 38%
HSV	182°, 100%, 76%
XYZ	27.5079, 39.4357, 57.2010
YIQ	131.8850, -113.6990, -37.4670

# Conversions

## Conversions Part 2

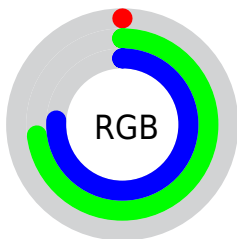
Format	Color
<a href="#">RYB</a>	0, 95, 194
Decimal	48066
CIELab	69.07, -35.93, -14.71
CIELCh	69, 38.826, 202.269
Yxy	39.4357, 0.2216, 0.3177
Android (android.graphics.Color)	4278238146 (0xFF00BBC2)
YUV	131.8850, 30.6227, -115.6631
Hunter-Lab	62.7978, -31.7062, -10.0473

# Details

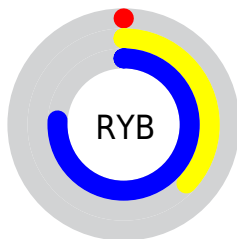
The Hex color **00BBC2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C20700**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66F4FA**, and **00858C** is the 20% darker color. If you saturate the color by 10%, you get **00BBC2**, and if you desaturate by 10%, it is **13BCC2**.

# Distribution



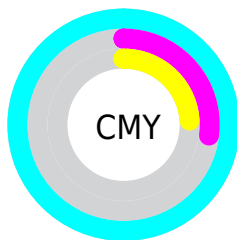
- Red (0%)
- Green (73%)
- Blue (76%)



- 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 00BBC2 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 00BBC2 by changing the saturation by 10% instead.



 00BBC2

 00BBC2

FFFFFF

 00A0A7

 66F4FA

 00858C

 87FFFF

 006B73

 A6FFFF

 00525A

 C5FFFF

 003A43

 E4FFFF

 00262D

 000119

 000000

 00BBC2

 13BCC2

 27BCC2

 3ABDC2

 4EBEC2

 61BFC2

 74BFC2

 88C0C2

 9BC1C2

 AFC1C2

# Harmonies

## Analogous

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



4CBB9E



00BBC2



17B7DF

# Triad

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



00BBC2



CC96D4



C8A363

# Complementary

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



00BBC2



C20700

# 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.



E19772



00BBC2



E68EB3

# Square

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



00BBC2



9FA3EA



ED8E90



A5AF66

# Rectangle

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



00BBC2



4DB2EB



ED8E90



D19F66

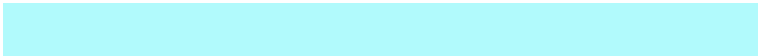


# Sweetspot

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



00BBC2



B1FAFC



00C206



527E80



000000



808080



# Same Dimension

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



00BBC2



00F3FC



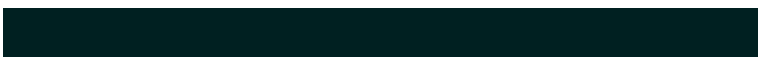
005BC2



576161



009BA1



002021



# Inverse Universe

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



C200BB



FC00F3



C26700



615761



A1009B

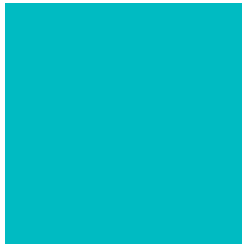


210020



# Previews

## White Background



This preview shows how the Hex color 00BBC2 looks on a white background.

## Color Contrast Check

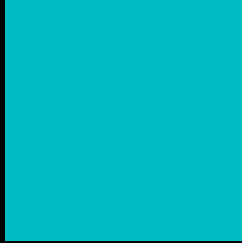
Large Text (above 18pt) WCAG AA × Fail

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 00BBC2 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 00BBC2 Background



This preview shows how black text looks on a background with the Hex color 00BBC2.



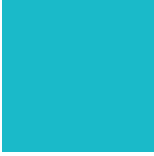
This preview shows how white text looks on a background with the Hex color 00BBC2.

# 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





# Trichromacy



**Original Color**  
00BBC2



**Protanomaly**  
6AAEBA



**Deuteranomaly**  
6BACC5



**Tritanomaly**  
11BAC6

# Monochromacy



**Original Color**  
00BBC2



**Achromatopsia**  
848484



**Achromatomaly**  
54989B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BBC2 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 #00BBC2 looks like.

```
.text, #text, p{  
    color:#00BBC2  
}
```

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 #00BBC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BBC2
}
```

## Border

The CSS property to change the border of an element to Hex 00BBC2 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
#00BBC2 }
```

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

```
.border{ border-color:#00BBC2 }
```

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

Here you see how a box with a 4 pixel #00BBC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BBC2; -webkit-box-shadow:4px 4px  
4px 4px #00BBC2; box-shadow:4px 4px 4px  
4px #00BBC2 }
```

# Background

The CSS property to change the background color of an element to Hex 00BBC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BBC2 }
```

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

```
.background{ background-color:#00BBC2 }
```

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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