

Converting Colors

Hex(00B9C2)

Have a look what the booklet for
Hex(00B9C2) contains.

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Color

Hex(00B9C2)

Conversions

Conversions Part 1

Format	Color
Hex	00B9C2
RGB	0, 185, 194
RGB Percent	0%, 73%, 76%
CMY	1.0000, 0.2745, 0.2392
CMYK	1.00, 0.05, 0.00, 0.24
HSL	183°, 100%, 38%
HSV	183°, 100%, 76%
XYZ	27.0866, 38.5930, 57.0605
YIQ	130.7110, -113.1490, -36.4210

Conversions

Conversions Part 2

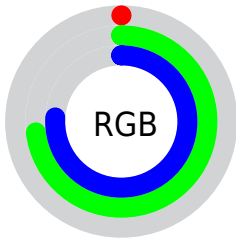
Format	Color
RYB	0, 95, 194
Decimal	47554
CIELab	68.46, -35.00, -15.63
CIELCh	68, 38.330, 204.070
Yxy	38.5930, 0.2207, 0.3144
Android (android.graphics.Color)	4278237634 (0xFF00B9C2)
YUV	130.7110, 31.2015, -114.6335
Hunter-Lab	62.1232, -30.8873, -10.9719

Details

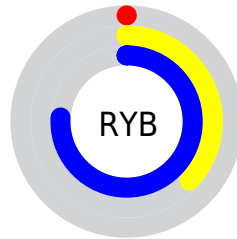
The Hex color **00B9C2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C20900**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **66F2FA**, and **00838C** is the 20% darker color. If you saturate the color by 10%, you get **00B9C2**, and if you desaturate by 10%, it is **13BAC2**.

Distribution



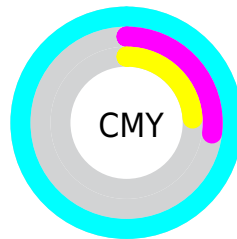
- Red (0%)
- Green (73%)
- Blue (76%)



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



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B9C2 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 00B9C2 by changing the saturation by 10% instead.

 00B9C2

 00B9C2

FFFFFF

 009EA7

 66F2FA

 00838C

 87FFFF

 006A73

 A6FFFF

 00515A

 C5FFFF

 003943

 E4FFFF

 00252D

 000119

 000000

 00B9C2

 13BAC2

 27BBC2

 3ABCC2

 4EBDC2

 61BEC2

 74BEC2

 88BFC2

 9BC0C2

 AFC1C2

Harmonies

Analogous

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



49B99F



00B9C2



20B5DE

Triad

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



00B9C2



CC94D0



C4A362

Complementary

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



00B9C2



C20900

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.



DE9670



00B9C2



E58CAF

Square

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



00B9C2



A1A1E6



EA8D8C



A1AD66

Rectangle

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



00B9C2



51B0E9



EA8D8C



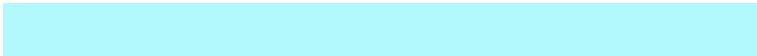
CE9E64

Sweetspot

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



00B9C2



B1F9FC



00C206



527D80



000000



808080

Same Dimension

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



00B9C2



00F1FC



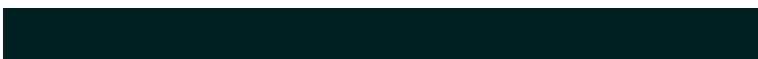
005BC2



576061



0099A1



002021

Inverse Universe

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



C200B9



FC00F1



C26700



615760



A10099



210020

Previews

White Background



This preview shows how the Hex color 00B9C2 looks on a white background.

Color Contrast Check

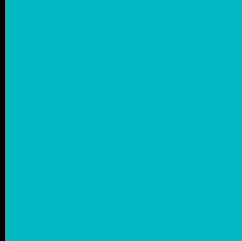
Large Text (above 18pt) WCAG AA × Fail

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 00B9C2 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

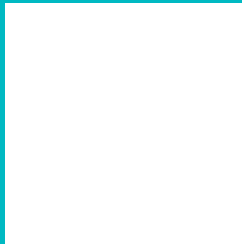
Any Text WCAG AAA ✓ Pass

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

Hex 00B9C2 Background



This preview shows how black text looks on a background with the Hex color 00B9C2.

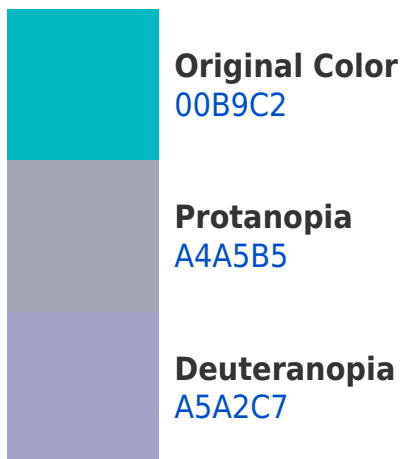


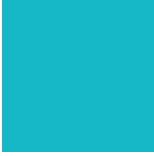
This preview shows how white text looks on a background with the Hex color 00B9C2.

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
16B8C7

Trichromacy



Original Color
00B9C2



Protanomaly
68ACBA



Deuteranomaly
69AAC5



Tritanomaly
0EB8C5

Monochromacy



Original Color
00B9C2



Achromatopsia
838383



Achromatomaly
53979A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B9C2 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 #00B9C2 looks like.

```
.text, #text, p{  
    color:#00B9C2  
}
```

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 #00B9C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B9C2
}
```

Border

The CSS property to change the border of an element to Hex 00B9C2 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
#00B9C2 }
```

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

```
.border{ border-color:#00B9C2 }
```

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

Here you see how a box with a 4 pixel #00B9C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B9C2; -webkit-box-shadow:4px 4px  
4px 4px #00B9C2; box-shadow:4px 4px 4px  
4px #00B9C2 }
```

Background

The CSS property to change the background color of an element to Hex 00B9C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B9C2 }
```

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

```
.background{ background-color:#00B9C2 }
```

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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