

Converting Colors

Hex(00BFC2)

Have a look what the booklet for
Hex(00BFC2) contains.

Hex(00BFC2)	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(00BFC2)

Conversions

Conversions Part 1

Format	Color
Hex	00BFC2
RGB	0, 191, 194
RGB Percent	0%, 75%, 76%
CMY	1.0000, 0.2510, 0.2392
CMYK	1.00, 0.02, 0.00, 0.24
HSL	181°, 100%, 38%
HSV	181°, 100%, 76%
XYZ	28.3684, 41.1566, 57.4878
YIQ	134.2330, -114.7990, -39.5590

Conversions

Conversions Part 2

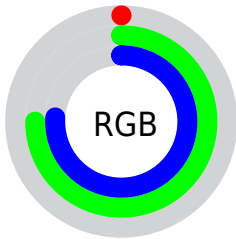
Format	Color
RYB	0, 96, 194
Decimal	49090
CIELab	70.29, -37.77, -12.88
CIELCh	70, 39.910, 198.827
Yxy	41.1566, 0.2234, 0.3240
Android (android.graphics.Color)	4278239170 (0xFF00BFC2)
YUV	134.2330, 29.4651, -117.7223
Hunter-Lab	64.1534, -33.3365, -8.2223

Details

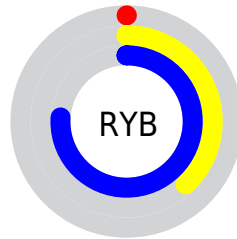
The Hex color **00BFC2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C20300**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **67F8FA**, and **00898C** is the 20% darker color. If you saturate the color by 10%, you get **00BFC2**, and if you desaturate by 10%, it is **13BFC2**.

Distribution



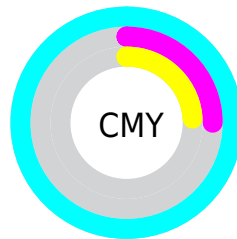
- Red (0%)
- Green (75%)
- Blue (76%)



- Red (0%)
- Yellow (38%)
- Blue (76%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BFC2 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 00BFC2 by changing the saturation by 10% instead.

 00BFC2

 00BFC2


FFFFFF

 00A4A7


 67F8FA

 00898C

 88FFFF

 006F73

 A7FFFF


 00565A

 C6FFFF

 003E43

 E5FFFF

 00282D

 000319

 000000

 00BFC2

 13BFC2

 27C0C2

 3AC0C2

 4EC0C2

 61C1C2

 74C1C2

 88C1C2

 9BC1C2

 AFC2C2

Harmonies

Analogous

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



52BE9D



00BFC2



00BCE1

Triad

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



00BFC2



CC9ADC



CFA564

Complementary

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



00BFC2



C20300

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.



E89977



00BFC2



EA91BB

Square

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



00BFC2



9CA7F0



F29096



ACB166

Rectangle

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



00BFC2



43B7EF



F29096



D9A169

Sweetspot

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



00BFC2



B1FBFC



00C200



527F80



000000



808080

Same Dimension

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



00BFC2



00F9FC



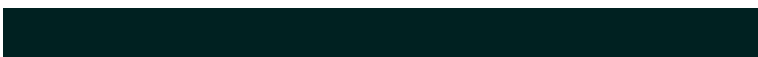
0061C2



576161



009EA1



002121

Inverse Universe

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



C200BF



FC00F9



C26100



615761



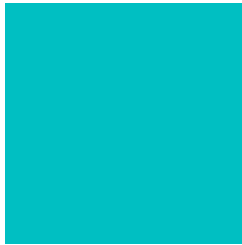
A1009E



210021

Previews

White Background



This preview shows how the Hex color 00BFC2 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 00BFC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

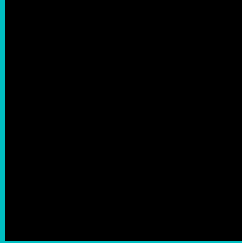
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

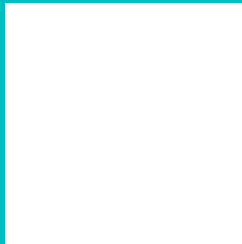
Any Text WCAG AAA ✓ Pass

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

Hex 00BFC2 Background



This preview shows how black text looks on a background with the Hex color 00BFC2.

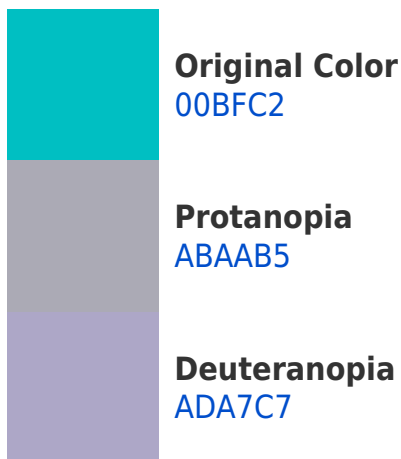


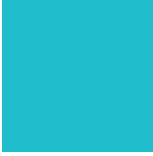
This preview shows how white text looks on a background with the Hex color 00BFC2.

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

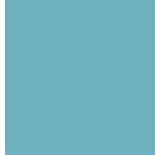




Trichromacy



Original Color
00BFC2



Protanomaly
6DB2BA



Deuteranomaly
6EB0C5



Tritanomaly
14BEC9

Monochromacy



Original Color
00BFC2



Achromatopsia
868686



Achromatomaly
559B9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BFC2 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 #00BFC2 looks like.

```
.text, #text, p{  
    color:#00BFC2  
}
```

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 #00BFC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BFC2
}
```

Border

The CSS property to change the border of an element to Hex 00BFC2 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
#00BFC2 }
```

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

```
.border{ border-color:#00BFC2 }
```

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

Here you see how a box with a 4 pixel #00BFC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BFC2; -webkit-box-shadow:4px 4px  
4px 4px #00BFC2; box-shadow:4px 4px 4px  
4px #00BFC2 }
```

Background

The CSS property to change the background color of an element to Hex 00BFC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BFC2 }
```

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

```
.background{ background-color:#00BFC2 }
```

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