

Converting Colors

Hex(00B2C7)

Have a look what the booklet for
Hex(00B2C7) contains.

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Color

Hex(00B2C7)

Conversions

Conversions Part 1

Format	Color
Hex	00B2C7
RGB	0, 178, 199
RGB Percent	0%, 70%, 78%
CMY	1.0000, 0.3020, 0.2196
CMYK	1.00, 0.11, 0.00, 0.22
HSL	186°, 100%, 39%
HSV	186°, 100%, 78%
XYZ	26.2292, 35.9643, 59.5922
YIQ	127.1720, -112.8290, -31.2050

Conversions

Conversions Part 2

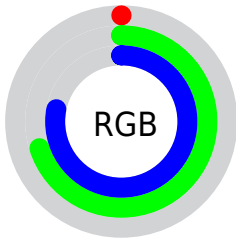
Format	Color
RYB	0, 94, 199
Decimal	45767
CIELab	66.49, -30.05, -21.37
CIELCh	66, 36.869, 215.419
Yxy	35.9643, 0.2154, 0.2953
Android (android.graphics.Color)	4278235847 (0xFF00B2C7)
YUV	127.1720, 35.4112, -111.5298
Hunter-Lab	59.9703, -26.8774, -16.9371

Details

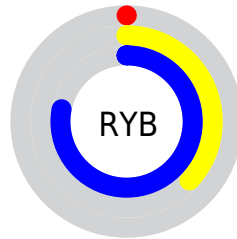
The Hex color **00B2C7** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **C71500**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **66EAF7**, and **007D91** is the 20% darker color. If you saturate the color by 10%, you get **00B2C7**, and if you desaturate by 10%, it is **14B4C7**.

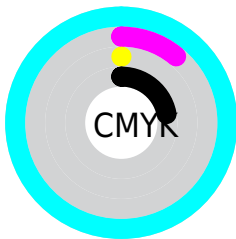
Distribution



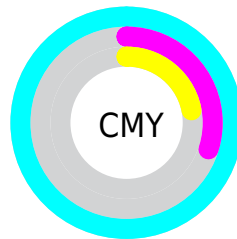
- Red (0%)
- Green (70%)
- Blue (78%)



- Red (0%)
- Yellow (37%)
- Blue (78%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B2C7 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 00B2C7 by changing the saturation by 10% instead.

 00B2C7

 00B2C7

FFFFFF

 0097AC

 66EAF7

 007D91

 86FFFF

 006377

 A5FFFF

 004B5F

 C4FFFF

 003447

 E3FFFF

 002030

 00011C

 000000

 00B2C7

 14B4C7

 28B6C7

 3CB8C7

 50BAC7

 64BDC7

 77BFC7

 8BC1C7

 9FC3C7

 B3C5C7

Harmonies

Analogous

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



35B3A7



00B2C7



3FACDD

Triad

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



00B2C7



D08CBE



B2A25F

Complementary

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



00B2C7



C71500

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.



CE9666



00B2C7



E1889D

Square

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



00B2C7



AD97D8



DF8C7D



8EAB6A

Rectangle

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



00B2C7



68A7E3



DF8C7D



BC9E5F

Sweetspot

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



00B2C7



B3F7FF



00C714



527B80



000000



808080

Same Dimension

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



00B2C7



00E4FF



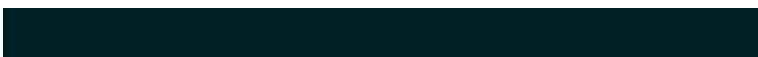
0050C7



5A6263



0092A3



002024

Inverse Universe

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



C700B2



FF00E4



C77700



635A62



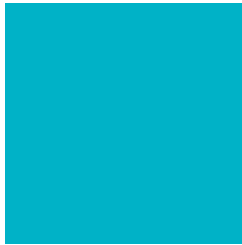
A30092



240020

Previews

White Background



This preview shows how the Hex color 00B2C7 looks on a white background.

Color Contrast Check

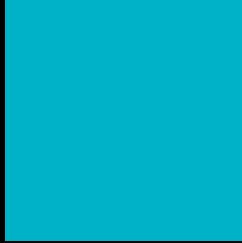
Large Text (above 18pt) WCAG AA × Fail

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 00B2C7 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 00B2C7 Background



This preview shows how black text looks on a background with the Hex color 00B2C7.

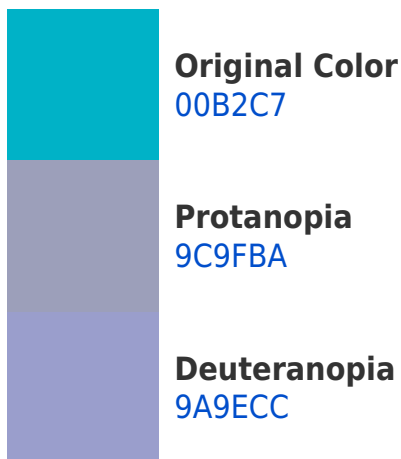


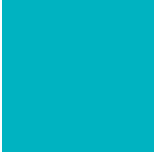
This preview shows how white text looks on a background with the Hex color 00B2C7.

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
00B3C1

Trichromacy



Original Color
00B2C7



Protanomaly
63A6BF



Deuteranomaly
62A5CA



Tritanomaly
00B3C3

Monochromacy



Original Color
00B2C7



Achromatopsia
7F7F7F



Achromatomaly
519299

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B2C7 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 #00B2C7 looks like.

```
.text, #text, p{  
    color:#00B2C7  
}
```

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 #00B2C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B2C7
}
```

Border

The CSS property to change the border of an element to Hex 00B2C7 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
#00B2C7 }
```

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

```
.border{ border-color:#00B2C7 }
```

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

Here you see how a box with a 4 pixel #00B2C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B2C7; -webkit-box-shadow:4px 4px  
4px 4px #00B2C7; box-shadow:4px 4px 4px  
4px #00B2C7 }
```

Background

The CSS property to change the background color of an element to Hex 00B2C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B2C7 }
```

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

```
.background{ background-color:#00B2C7 }
```

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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