

Converting Colors

Hex(00B2C5)

Have a look what the booklet for
Hex(00B2C5) contains.

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Color

Hex(00B2C5)

Conversions

Conversions Part 1

Format	Color
Hex	00B2C5
RGB	0, 178, 197
RGB Percent	0%, 70%, 77%
CMY	1.0000, 0.3020, 0.2275
CMYK	1.00, 0.10, 0.00, 0.23
HSL	186°, 100%, 39%
HSV	186°, 100%, 77%
XYZ	25.9984, 35.8720, 58.3771
YIQ	126.9440, -112.1870, -31.8270

Conversions

Conversions Part 2

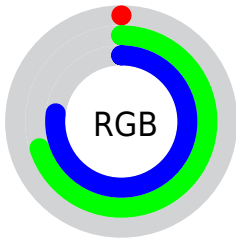
Format	Color
RYB	0, 94, 197
Decimal	45765
CIELab	66.42, -30.70, -20.37
CIELCh	66, 36.842, 213.565
Yxy	35.8720, 0.2162, 0.2983
Android (android.graphics.Color)	4278235845 (0xFF00B2C5)
YUV	126.9440, 34.5376, -111.3299
Hunter-Lab	59.8932, -27.3300, -15.8638

Details

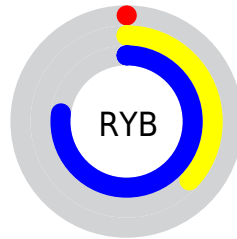
The Hex color **00B2C5** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **C51300**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **65EAFE**, and **007D8F** is the 20% darker color. If you saturate the color by 10%, you get **00B2C5**, and if you desaturate by 10%, it is **14B4C5**.

Distribution



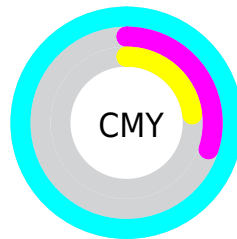
- Red (0%)
- Green (70%)
- Blue (77%)



- Red (0%)
- Yellow (37%)
- Blue (77%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B2C5 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 00B2C5 by changing the saturation by 10% instead.

 00B2C5

 00B2C5

FFFFFF

 0097AA

 65EAFE

 007D8F

 86FFFF

 006376

 A5FFFF

 004B5D

 C4FFFF

 003445

 E3FFFF

 00202F

 00011A

 000000

 00B2C5

 14B4C5

 27B6C5

 3BB8C5

 4FBAC5

 63BCC5

 76BDC5

 8ABFC5

 9EC1C5

 B1C3C5

Harmonies

Analogous

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



39B3A4



00B2C5



3BADDC

Triad

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



00B2C5



CE8CC0



B3A15F

Complementary

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



00B2C5



C51300

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.



CF9567



00B2C5



E0889F

Square

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



00B2C5



AA97D9



E08B7F



90AA69

Rectangle

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



00B2C5



64A7E3



E08B7F



BE9D5F

Sweetspot

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



00B2C5



B3F8FF



00C510



527B80



000000



808080

Same Dimension

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



00B2C5



00E6FF



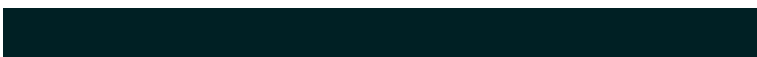
0052C5



5A6263



0093A3



002024

Inverse Universe

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



C500B2



FF00E6



C57300



635A62



A30093



240020

Previews

White Background



This preview shows how the Hex color 00B2C5 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 00B2C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

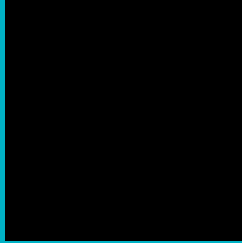
Any Text WCAG AA ✓ Pass

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 00B2C5 Background



This preview shows how black text looks on a background with the Hex color 00B2C5.

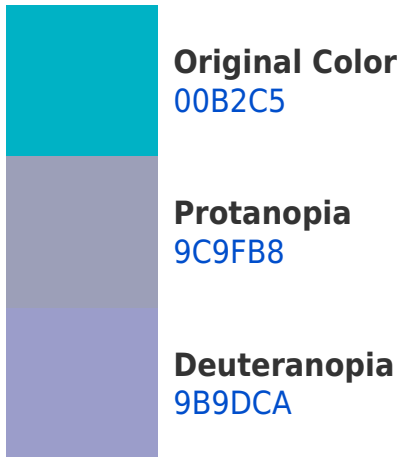


This preview shows how white text looks on a background with the Hex color 00B2C5.

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



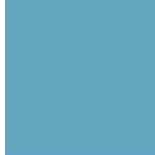


Tritanopia
00B2C1

Trichromacy



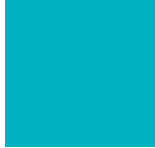
Original Color
00B2C5



Protanomaly
63A6BD



Deuteranomaly
63A5C8



Tritanomaly
00B2C2

Monochromacy



Original Color
00B2C5



Achromatopsia
7F7F7F



Achromatomaly
519298

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B2C5 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 #00B2C5 looks like.

```
.text, #text, p{  
    color:#00B2C5  
}
```

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 #00B2C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B2C5  
}
```

Border

The CSS property to change the border of an element to Hex 00B2C5 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  
#00B2C5 }
```

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

```
.border{ border-color:#00B2C5 }
```

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

Here you see how a box with a 4 pixel #00B2C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B2C5; -webkit-box-shadow:4px 4px  
4px 4px #00B2C5; box-shadow:4px 4px 4px  
4px #00B2C5 }
```

Background

The CSS property to change the background color of an element to Hex 00B2C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B2C5 }
```

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

```
.background{ background-color:#00B2C5 }
```

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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