

Converting Colors

Hex(00BDC5)

Have a look what the booklet for
Hex(00BDC5) contains.

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Color

Hex(00BDC5)

Conversions

Conversions Part 1

Format	Color
Hex	00BDC5
RGB	0, 189, 197
RGB Percent	0%, 74%, 77%
CMY	1.0000, 0.2588, 0.2275
CMYK	1.00, 0.04, 0.00, 0.23
HSL	182°, 100%, 39%
HSV	182°, 100%, 77%
XYZ	28.2756, 40.4264, 59.1361
YIQ	133.4010, -115.2120, -37.5800

Conversions

Conversions Part 2

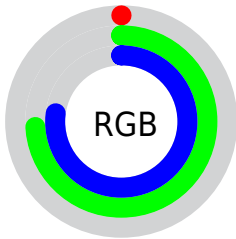
Format	Color
RYB	0, 96, 197
Decimal	48581
CIELab	69.77, -35.93, -15.29
CIELCh	70, 39.047, 203.060
Yxy	40.4264, 0.2212, 0.3162
Android (android.graphics.Color)	4278238661 (0xFF00BDC5)
YUV	133.4010, 31.3543, -116.9927
Hunter-Lab	63.5818, -31.8868, -10.6372

Details

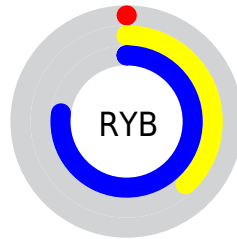
The Hex color **00BDC5** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C50800**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **67F6FE**, and **00878F** is the 20% darker color. If you saturate the color by 10%, you get **00BDC5**, and if you desaturate by 10%, it is **14BEC5**.

Distribution



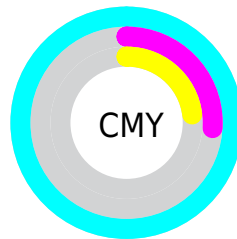
- Red (0%)
- Green (74%)
- Blue (77%)



- Red (0%)
- Yellow (38%)
- Blue (77%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BDC5 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 00BDC5 by changing the saturation by 10% instead.

 00BDC5

 00BDC5

FFFFFF

 00A2AA

 67F6FE

 00878F

 88FFFF

 006D76

 A7FFFF

 00545D

 C6FFFF

 003C45

 E5FFFF

 00272F

 00011B

 000000

 00BDC5

 14BEC5

 27BFC5

 3BBFC5

 4FC0C5

 63C1C5

 76C2C5

 8AC3C5

 9EC3C5

 B1C4C5

Harmonies

Analogous

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



4CBDA1



00BDC5



1CB9E2

Triad

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



00BDC5



CF98D5



C9A664

Complementary

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



00BDC5



C50800

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.



E39973



00BDC5



E98FB4

Square

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



00BDC5



A2A4EC



EF9091



A6B168

Rectangle

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



00BDC5



50B4EE



EF9091



D3A167

Sweetspot

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



00BDC5



B3FCFF



00C507



527E80



000000



808080

Same Dimension

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



00BDC5



00F5FF



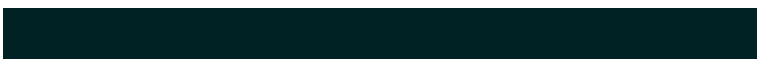
005CC5



5A6363



009DA3



002224

Inverse Universe

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



C500BD



FF00F5



C56900



635A63



A3009D



240022

Previews

White Background



This preview shows how the Hex color 00BDC5 looks on a white background.

Color Contrast Check

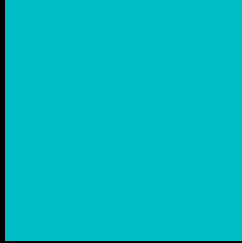
Large Text (above 18pt) WCAG AA × Fail

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 00BDC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

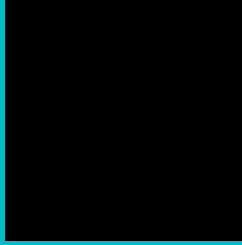
Any Text WCAG AA ✓ Pass

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 00BDC5 Background



This preview shows how black text looks on a background with the Hex color 00BDC5.

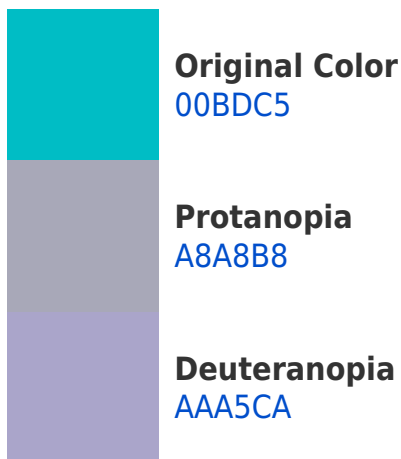


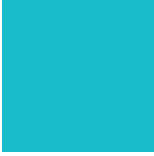
This preview shows how white text looks on a background with the Hex color 00BDC5.

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
19BCCB

Trichromacy



Original Color
00BDC5



Protanomaly
6BB0BD



Deuteranomaly
6CAEC8



Tritanomaly
10BCC9

Monochromacy



Original Color
00BDC5



Achromatopsia
858585



Achromatomaly
55999C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BDC5 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 #00BDC5 looks like.

```
.text, #text, p{  
    color:#00BDC5  
}
```

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 #00BDC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BDC5
}
```

Border

The CSS property to change the border of an element to Hex 00BDC5 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
#00BDC5 }
```

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

```
.border{ border-color:#00BDC5 }
```

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

Here you see how a box with a 4 pixel #00BDC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BDC5; -webkit-box-shadow:4px 4px  
4px 4px #00BDC5; box-shadow:4px 4px 4px  
4px #00BDC5 }
```

Background

The CSS property to change the background color of an element to Hex 00BDC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BDC5 }
```

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

```
.background{ background-color:#00BDC5 }
```

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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