

Converting Colors

Hex(00BDCB)

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

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Color

Hex(00BDCB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00BDCB |
| RGB | 0, 189, 203 |
| RGB Percent | 0%, 74%, 80% |
| CMY | 1.0000, 0.2588, 0.2039 |
| CMYK | 1.00, 0.07, 0.00, 0.20 |
| HSL | 184°, 100%, 40% |
| HSV | 184°, 100%, 80% |
| XYZ | 28.9771, 40.7070, 62.8299 |
| YIQ | 134.0850, -117.1380, -35.7140 |

Conversions

Conversions Part 2

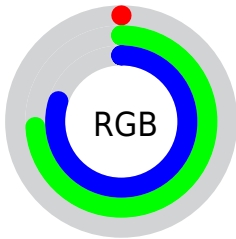
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 98, 203 |
| Decimal | 48587 |
| CIELab | 69.97, -34.04, -18.28 |
| CIELCh | 70, 38.641, 208.238 |
| Yxy | 40.7070, 0.2187, 0.3072 |
| Android (android.graphics.Color) | 4278238667 (0xFF00BDCB) |
| YUV | 134.0850, 33.9751, -117.5925 |
| Hunter-Lab | 63.8020, -30.5839, -13.7252 |

Details

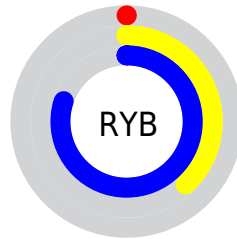
The Hex color **00BDCB** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **CB0E00**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68F6FF**, and **008795** is the 20% darker color. If you saturate the color by 10%, you get **00BDCB**, and if you desaturate by 10%, it is **14BECB**.

Distribution



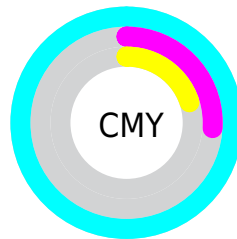
- Red (0%)
- Green (74%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 00BDCB

 00BDCB

FFFFFF

 00A2B0

 68F6FF

 008795

 89FFFF

 006D7B

 A8FFFF

 005462

 C8FFFF

 003C4A

 E7FFFF

 002734

 00021F

 000002

 000000

 00BDCB

 14BECB

 29C0CB

 3DC1CB

 51C3CB

 66C4CB

 7AC5CB

 8EC7CB

 A2C8CB

 B7CACB

Harmonies

Analogous

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



45BEA8



00BDCB



30B8E6

Triad

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



00BDCB



D596D0



C4A864

Complementary

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



00BDCB



CB0E00

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.



E09C70



00BDCB



EC90AE

Square

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



00BDCB



ACA3E9



EE928C



A0B36C

Rectangle

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



00BDCB



5EB3EF



EE928C



CEA466

Sweetspot

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



00BDCB



B3FAFF



00CB0E



527C80



000000



808080

Same Dimension

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



00BDCB



00EDFF



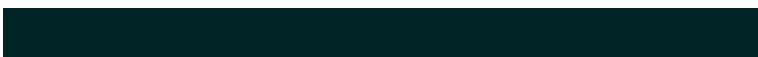
0058CB



5C6566



009AA6



002426

Inverse Universe

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



CB00BD



FF00ED



CB7300



665C65



A6009A



260024

Previews

White Background



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

Color Contrast Check

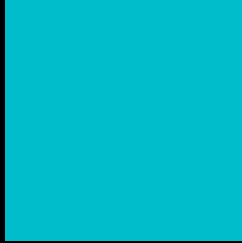
Large Text (above 18pt) WCAG AA × Fail

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 00BDCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

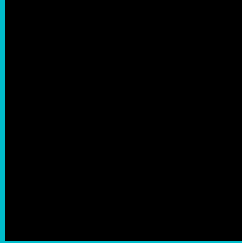
Any Text WCAG AA ✓ Pass

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 00BDCB Background



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

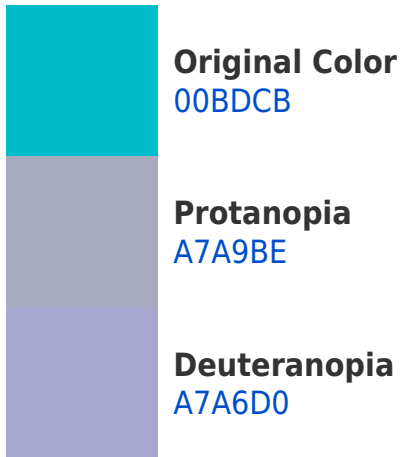


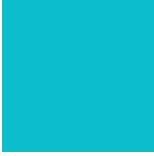
This preview shows how white text looks on a background with the Hex color 00BDCB.

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
00BDCB



Protanomaly
6AB0C3



Deuteranomaly
6AAECE



Tritanomaly
08BDCC

Monochromacy



Original Color
00BDCB



Achromatopsia
868686



Achromatomaly
559A9F

CSS Examples

Text

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

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

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 #00BDCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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