

Converting Colors

Hex(00BCCA)

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

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Color

Hex(00BCCA)

Conversions

Conversions Part 1

Format	Color
Hex	00BCCA
RGB	0, 188, 202
RGB Percent	0%, 74%, 79%
CMY	1.0000, 0.2627, 0.2078
CMYK	1.00, 0.07, 0.00, 0.21
HSL	184°, 100%, 40%
HSV	184°, 100%, 79%
XYZ	28.6439, 40.2307, 62.1327
YIQ	133.3840, -116.5420, -35.5020

Conversions

Conversions Part 2

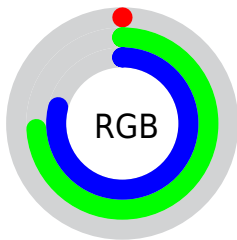
Format	Color
RYB	0, 97, 202
Decimal	48330
CIELab	69.63, -33.89, -18.24
CIELCh	70, 38.486, 208.298
Yxy	40.2307, 0.2186, 0.3071
Android (android.graphics.Color)	4278238410 (0xFF00BCCA)
YUV	133.3840, 33.8277, -116.9778
Hunter-Lab	63.4277, -30.3880, -13.6801

Details

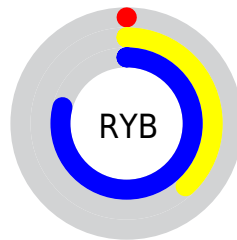
The Hex color **00BCCA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **CA0E00**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **68F5FF**, and **008694** is the 20% darker color. If you saturate the color by 10%, you get **00BCCA**, and if you desaturate by 10%, it is **14BDCA**.

Distribution



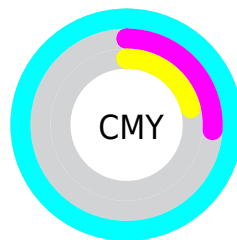
- Red (0%)
- Green (74%)
- Blue (79%)



- Red (0%)
- Yellow (38%)
- Blue (79%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 00BCCA

 00BCCA

FFFFFF

 00A1AF

 68F5FF

 008694

 88FFFF

 006C7A

 A8FFFF

 005361


 C7FFFF

 003C4A

 E6FFFF

 002633

 00021E

 000001

 000000

 00BCCA

 14BDCA

 28BFCA

 3DC0CA

 51C2CA

 65C3CA

 79C4CA

 8DC6CA

 A2C7CA

 B6C9CA

Harmonies

Analogous

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



45BDA7



00BCCA



30B7E5

Triad

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



00BCCA



D496CF



C3A764

Complementary

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



00BCCA



CA0E00

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.



DE9B70



00BCCA



EA8FAD

Square

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



00BCCA



ABA2E8



ED918B



9FB26B

Rectangle

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



00BCCA



5EB2EE



ED918B



CDA366

Sweetspot

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



00BCCA



B3FAFF



00CA0D



527C80



000000



808080

Same Dimension

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



00BCCA



00EDFF



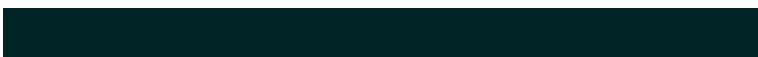
0058CA



5C6566



009AA6



002426

Inverse Universe

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



CA00BC



FF00ED



CA7200



665C65



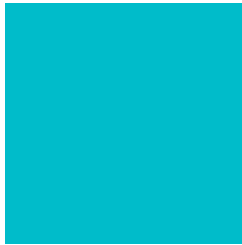
A6009A



260024

Previews

White Background



This preview shows how the Hex color 00BCCA 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 00BCCA 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 00BCCA Background



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

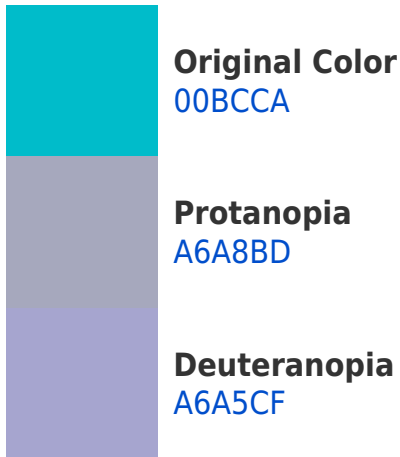


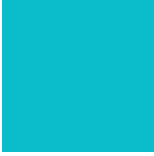
This preview shows how white text looks on a background with the Hex color 00BCCA.

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

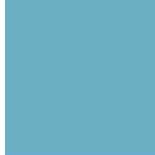




Trichromacy



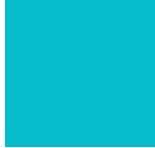
Original Color
00BCCA



Protanomaly
6AAFC2



Deuteranomaly
6AADCD



Tritanomaly
07BCCB

Monochromacy



Original Color
00BCCA



Achromatopsia
858585



Achromatomaly
55999E

CSS Examples

Text

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

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

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 #00BCCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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