

Converting Colors

Hex(00BCD3)

Have a look what the booklet for
Hex(00BCD3) contains.

Hex(00BCD3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00BCD3)

Conversions

Conversions Part 1

Format	Color
Hex	00BCD3
RGB	0, 188, 211
RGB Percent	0%, 74%, 83%
CMY	1.0000, 0.2627, 0.1725
CMYK	1.00, 0.11, 0.00, 0.17
HSL	187°, 100%, 41%
HSV	187°, 100%, 83%
XYZ	29.7411, 40.6696, 67.9105
YIQ	134.4100, -119.4310, -32.7030

Conversions

Conversions Part 2

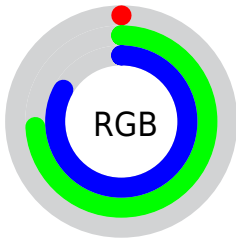
Format	Color
RYB	0, 99, 211
Decimal	48339
CIELab	69.94, -31.00, -22.70
CIELCh	70, 38.420, 216.216
Yxy	40.6696, 0.2150, 0.2940
Android (android.graphics.Color)	4278238419 (0xFF00BCD3)
YUV	134.4100, 37.7589, -117.8776
Hunter-Lab	63.7727, -28.3568, -18.4960

Details

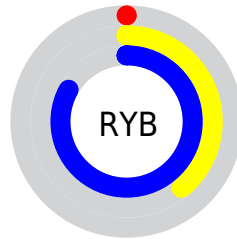
The Hex color **00BCD3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **D31700**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **69F5FF**, and **00869C** is the 20% darker color. If you saturate the color by 10%, you get **00BCD3**, and if you desaturate by 10%, it is **15BED3**.

Distribution



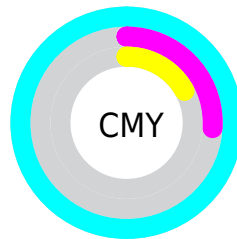
- Red (0%)
- Green (74%)
- Blue (83%)



- Red (0%)
- Yellow (39%)
- Blue (83%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BCD3 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 00BCD3 by changing the saturation by 10% instead.

 00BCD3

 00BCD3

FFFFFF

 00A1B7

 69F5FF

 00869C

 8AFFFF

 006D82

 AAFFFF

 005469

 C9FFFF

 003C51

 E8FFFF

 00273A

 000225

 00010D

 000000

 00BCD3

 15BED3

 2AC1D3

 3FC3D3

 54C5D3

 6AC7D3

 7FCAD3

 94CCD3

 A9CED3

 BED1D3

Harmonies

Analogous

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



37BEB1



00BCD3



44B6EA

Triad

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



00BCD3



DD94C8



BBAB65

Complementary

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



00BCD3



D31700

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.



D99F6C



00BCD3



EE90A5

Square

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



00BCD3



B89FE3



EC9483



95B571

Rectangle

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



00BCD3



70B0F0



EC9483



C6A765

Sweetspot

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



00BCD3



B3F7FF



00D315



527A80



000000



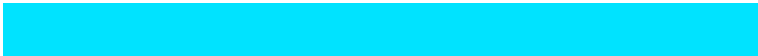
808080

Same Dimension

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



00BCD3



00E3FF



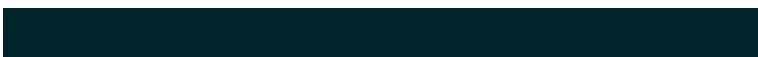
0054D3



5E6769



0096A8



002429

Inverse Universe

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



D300BC



FF00E3



D37F00



695E67



A80096



290024

Previews

White Background



This preview shows how the Hex color 00BCD3 looks on a white background.

Color Contrast Check

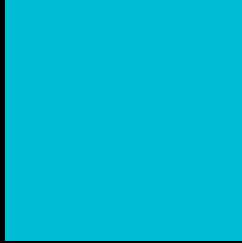
Large Text (above 18pt) WCAG AA × Fail

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 00BCD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

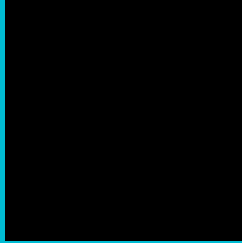
Any Text WCAG AA ✓ Pass

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 00BCD3 Background



This preview shows how black text looks on a background with the Hex color 00BCD3.

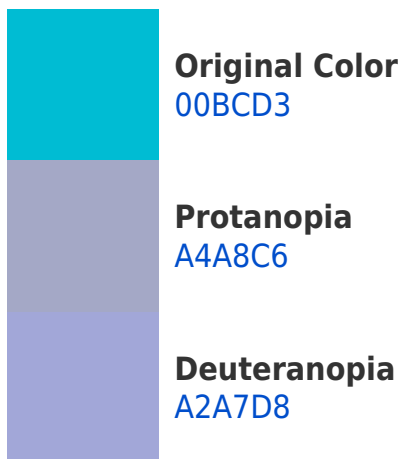


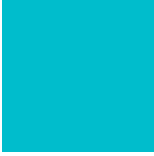
This preview shows how white text looks on a background with the Hex color 00BCD3.

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



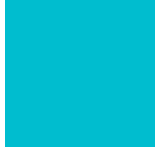
Original Color
00BCD3



Protanomaly
68AFCB



Deuteranomaly
67AFD6



Tritanomaly
00BCDF

Monochromacy



Original Color
00BCD3



Achromatopsia
868686



Achromatomaly
559AA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BCD3 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 #00BCD3 looks like.

```
.text, #text, p{  
    color:#00BCD3  
}
```

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 #00BCD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BCD3
}
```

Border

The CSS property to change the border of an element to Hex 00BCD3 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
#00BCD3 }
```

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

```
.border{ border-color:#00BCD3 }
```

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

Here you see how a box with a 4 pixel #00BCD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BCD3; -webkit-box-shadow:4px 4px  
4px 4px #00BCD3; box-shadow:4px 4px 4px  
4px #00BCD3 }
```

Background

The CSS property to change the background color of an element to Hex 00BCD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BCD3 }
```

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

```
.background{ background-color:#00BCD3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor