

Converting Colors

Hex(00BCD8)

Have a look what the booklet for
Hex(00BCD8) contains.

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Color

Hex(00BCD8)

Conversions

Conversions Part 1

Format	Color
Hex	00BCD8
RGB	0, 188, 216
RGB Percent	0%, 74%, 85%
CMY	1.0000, 0.2627, 0.1529
CMYK	1.00, 0.13, 0.00, 0.15
HSL	188°, 100%, 42%
HSV	188°, 100%, 85%
XYZ	30.3779, 40.9243, 71.2638
YIQ	134.9800, -121.0360, -31.1480

Conversions

Conversions Part 2

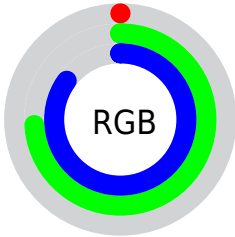
Format	Color
RYB	0, 101, 216
Decimal	48344
CIELab	70.12, -29.36, -25.16
CIELCh	70, 38.668, 220.590
Yxy	40.9243, 0.2131, 0.2871
Android (android.graphics.Color)	4278238424 (0xFF00BCD8)
YUV	134.9800, 39.9429, -118.3775
Hunter-Lab	63.9721, -27.1884, -21.2676

Details

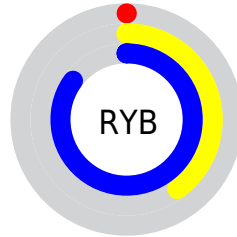
The Hex color **00BCD8** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D81C00**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6AF5FF**, and **0086A1** is the 20% darker color. If you saturate the color by 10%, you get **00BCD8**, and if you desaturate by 10%, it is **16BFD8**.

Distribution



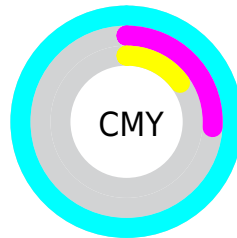
- Red (0%)
- Green (74%)
- Blue (85%)



- Red (0%)
- Yellow (40%)
- Blue (85%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BCD8 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 00BCD8 by changing the saturation by 10% instead.

 00BCD8

 00BCD8

FFFFFF

 00A1BC

 6AF5FF

 0086A1

 8BFFFF

 006D87

 ABFFFF

 00546D

 CAFFFF

 003C55

 E9FFFF

 00273E

 000428

 000112

 000000

 00BCD8

 16BFD8

 2BC2D8

 41C4D8

 56C7D8

 6CCAD8

 82CDD8

 97D0D8

 ADD2D8

 C2D5D8

Harmonies

Analogous

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



2EBEB7



00BCD8



4EB5ED

Triad

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



00BCD8



E193C4



B6AD65

Complementary

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



00BCD8



D81C00

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.



D6A16A



00BCD8



F090A0

Square

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



00BCD8



BF9EE1



EB967F



90B775

Rectangle

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



00BCD8



79AFF1



EB967F



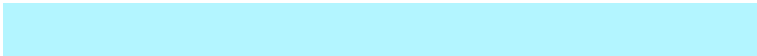
C2AA64

Sweetspot

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



00BCD8



B3F5FF



00D819



527A80



000000



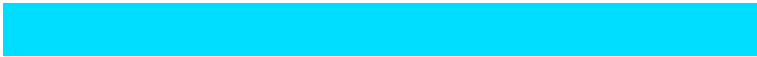
808080

Same Dimension

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



00BCD8



00DEFF



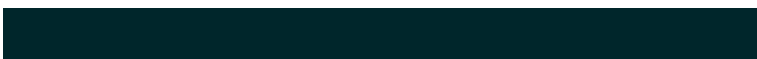
0053D8



606A6B



0095AB



00262B

Inverse Universe

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



D800BC



FF00DE



D88500



6B606A



AB0095



2B0026

Previews

White Background



This preview shows how the Hex color 00BCD8 looks on a white background.

Color Contrast Check

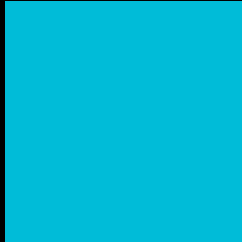
Large Text (above 18pt) WCAG AA × Fail

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 00BCD8 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 00BCD8 Background



This preview shows how black text looks on a background with the Hex color 00BCD8.

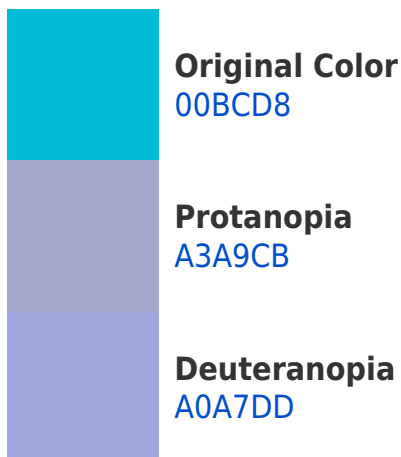


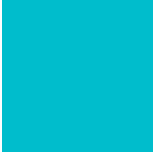
This preview shows how white text looks on a background with the Hex color 00BCD8.

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

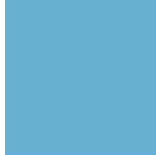




Trichromacy



Original Color
00BCD8



Protanomaly
68B0D0



Deuteranomaly
66AFDB



Tritanomaly
00BDD0

Monochromacy



Original Color
00BCD8



Achromatopsia
878787



Achromatomaly
569AA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BCD8 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 #00BCD8 looks like.

```
.text, #text, p{  
    color:#00BCD8  
}
```

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 #00BCD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BCD8
}
```

Border

The CSS property to change the border of an element to Hex 00BCD8 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
#00BCD8 }
```

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

```
.border{ border-color:#00BCD8 }
```

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

Here you see how a box with a 4 pixel #00BCD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BCD8; -webkit-box-shadow:4px 4px  
4px 4px #00BCD8; box-shadow:4px 4px 4px  
4px #00BCD8 }
```

Background

The CSS property to change the background color of an element to Hex 00BCD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BCD8 }
```

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

```
.background{ background-color:#00BCD8 }
```

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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