

Converting Colors

Hex(00BBD8)

Have a look what the booklet for
Hex(00BBD8) contains.

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Color

Hex(00BBD8)

Conversions

Conversions Part 1

Format	Color
Hex	00BBD8
RGB	0, 187, 216
RGB Percent	0%, 73%, 85%
CMY	1.0000, 0.2667, 0.1529
CMYK	1.00, 0.13, 0.00, 0.15
HSL	188°, 100%, 42%
HSV	188°, 100%, 85%
XYZ	30.1650, 40.4985, 71.1929
YIQ	134.3930, -120.7610, -30.6250

Conversions

Conversions Part 2

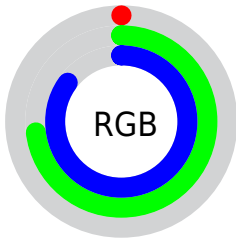
Format	Color
RYB	0, 100, 216
Decimal	48088
CIELab	69.82, -28.87, -25.62
CIELCh	70, 38.599, 221.583
Yxy	40.4985, 0.2126, 0.2855
Android (android.graphics.Color)	4278238168 (0xFF00BBD8)
YUV	134.3930, 40.2323, -117.8627
Hunter-Lab	63.6384, -26.7572, -21.7813

Details

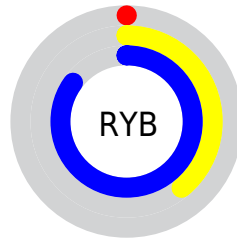
The Hex color **00BBD8** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D81D00**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6AF3FF**, and **0085A1** is the 20% darker color. If you saturate the color by 10%, you get **00BBD8**, and if you desaturate by 10%, it is **16BED8**.

Distribution



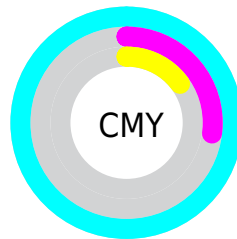
- Red (0%)
- Green (73%)
- Blue (85%)



- Red (0%)
- Yellow (39%)
- Blue (85%)



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



- Cyan (100%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BBD8 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 00BBD8 by changing the saturation by 10% instead.

 00BBD8

 00BBD8

FFFFFF

 00A0BC

 6AF3FF

 0085A1

 8BFFFF

 006C87

 ABFFFF

 00536D

 CAFFFF

 003B55

 E9FFFF

 00263E

 000328

 000112

 000000

 00BBD8

 16BED8

 2BC1D8

 41C4D8

 56C7D8

 6CC9D8

 82CCD8

 97CFD8

 ADD2D8

 C2D5D8

Harmonies

Analogous

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



2BBDB7



00BBD8



4FB4EC

Triad

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



00BBD8



E192C2



B4AD65

Complementary

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



00BBD8



D81D00

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.



D4A168



00BBD8



EF8F9E

Square

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



00BBD8



C09DDF



E9957E



8EB675

Rectangle

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



00BBD8



7AADF0



E9957E



C0A964

Sweetspot

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



00BBD8



B3F5FF



00D81D



527980



000000



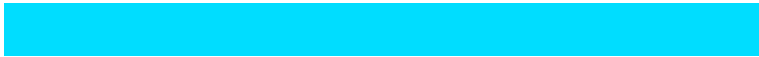
808080

Same Dimension

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



00BBD8



00DDFF



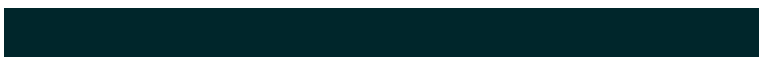
004FD8



606A6B



0094AB



00262B

Inverse Universe

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



D800BB



FF00DD



D88900



6B606A



AB0094



2B0026

Previews

White Background



This preview shows how the Hex color 00BBD8 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 00BBD8 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 00BBD8 Background



This preview shows how black text looks on a background with the Hex color 00BBD8.

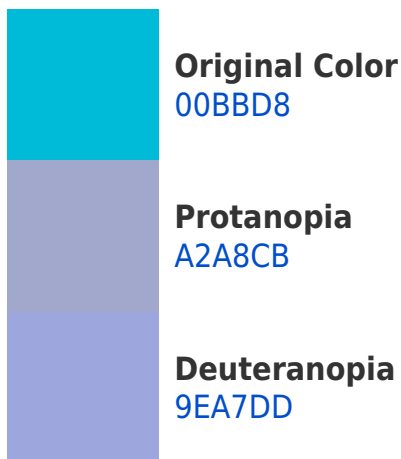


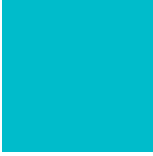
This preview shows how white text looks on a background with the Hex color 00BBD8.

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
00BCCB

Trichromacy



Original Color
00BBD8



Protanomaly
67AFD0



Deuteranomaly
65AEDB



Tritanomaly
00BCD0

Monochromacy



Original Color
00BBD8



Achromatopsia
868686



Achromatomaly
5599A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BBD8 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 #00BBD8 looks like.

```
.text, #text, p{  
    color:#00BBD8  
}
```

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 #00BBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BBD8
}
```

Border

The CSS property to change the border of an element to Hex 00BBD8 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
#00BBD8 }
```

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

```
.border{ border-color:#00BBD8 }
```

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

Here you see how a box with a 4 pixel #00BBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BBD8; -webkit-box-shadow:4px 4px  
4px 4px #00BBD8; box-shadow:4px 4px 4px  
4px #00BBD8 }
```

Background

The CSS property to change the background color of an element to Hex 00BBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BBD8 }
```

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

```
.background{ background-color:#00BBD8 }
```

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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