

Converting Colors

Hex(00BBCD)

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

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Color

Hex(00BBCD)

Conversions

Conversions Part 1

Format	Color
Hex	00BBCD
RGB	0, 187, 205
RGB Percent	0%, 73%, 80%
CMY	1.0000, 0.2667, 0.1961
CMYK	1.00, 0.09, 0.00, 0.20
HSL	185°, 100%, 40%
HSV	185°, 100%, 80%
XYZ	28.7898, 39.9484, 63.9510
YIQ	133.1390, -117.2300, -34.0460

Conversions

Conversions Part 2

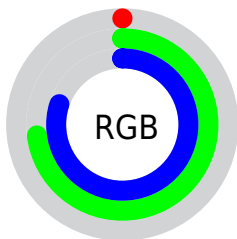
Format	Color
RYB	0, 98, 205
Decimal	48077
CIELab	69.43, -32.45, -20.19
CIELCh	69, 38.223, 211.891
Yxy	39.9484, 0.2170, 0.3011
Android (android.graphics.Color)	4278238157 (0xFF00BBCD)
YUV	133.1390, 35.4275, -116.7629
Hunter-Lab	63.2048, -29.3016, -15.7467

Details

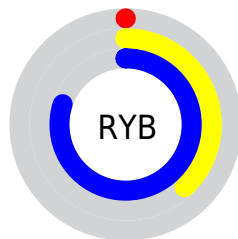
The Hex color **00BBCD** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **CD1200**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **68F4FF**, and **008597** is the 20% darker color. If you saturate the color by 10%, you get **00BBCD**, and if you desaturate by 10%, it is **14BDCE**.

Distribution



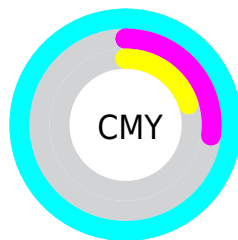
- Red (0%)
- Green (73%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 00BBCD

 00BBCD

FFFFFF

 00A0B2

 68F4FF

 008597

 89FFFF

 006C7D

 A8FFFF


 005364

 C8FFFF

 003B4C

 E7FFFF

 002635

 000220

 000005

 000000

 00B8CD

 14B8CD

 29B8CD

 3EC0CD

 52C2CD

 67C4CD

 7BC6CD

 90C8CD

 A4C9CD

 B9C8CD

Harmonies

Analogous

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



3FBCAB



00BBCD



3AB6E6

Triad

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



00BBCD



D794CB



BEA864

Complementary

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



00BBCD



CD1200

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.



DB9C6D



00BBCD



EB8EA9

Square

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



00BBCD



B0A0E4



EB9287



9AB26D

Rectangle

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



00BBCD



66B0EE



EB9287



C9A465

Sweetspot

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



00BBCD



B3F8FF



00CD11



527B80



000000



808080

Same Dimension

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



00BBCD



00E9FF



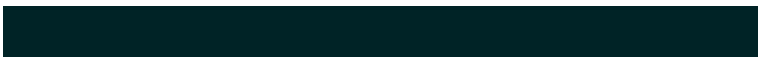
0055CD



5C6566



0097A6



002326

Inverse Universe

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



CD00BB



FF00E9



CD7800



665C65



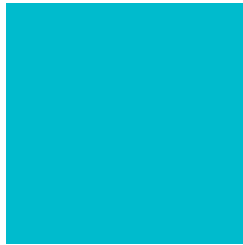
A60097



260023

Previews

White Background



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

Color Contrast Check

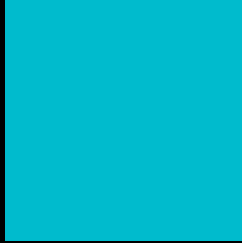
Large Text (above 18pt) WCAG AA × Fail

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 00BBBCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

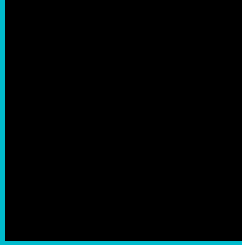
Any Text WCAG AA ✓ Pass

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 00BBCD Background



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

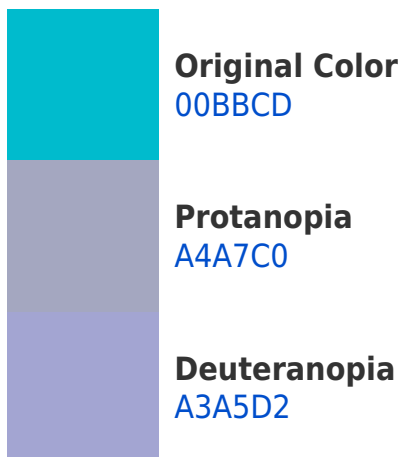


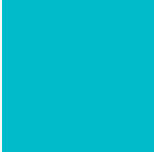
This preview shows how white text looks on a background with the Hex color 00BBCD.

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



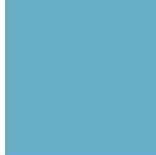


Tritanopia
00BBCA

Trichromacy



Original Color
00BBCD



Protanomaly
68AEC5



Deuteranomaly
68ADD0



Tritanomaly
00BBCB

Monochromacy



Original Color
00BBCD



Achromatopsia
858585



Achromatomaly
55999F

CSS Examples

Text

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

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

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 #00BBBCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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