

Converting Colors

Hex(00BBCF)

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

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Color

Hex(00BBCF)

Conversions

Conversions Part 1

Format	Color
Hex	00BBCF
RGB	0, 187, 207
RGB Percent	0%, 73%, 81%
CMY	1.0000, 0.2667, 0.1882
CMYK	1.00, 0.10, 0.00, 0.19
HSL	186°, 100%, 41%
HSV	186°, 100%, 81%
XYZ	29.0328, 40.0456, 65.2309
YIQ	133.3670, -117.8720, -33.4240

Conversions

Conversions Part 2

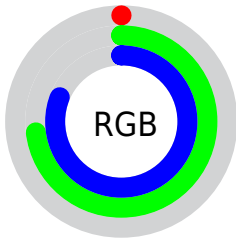
Format	Color
RYB	0, 98, 207
Decimal	48079
CIELab	69.50, -31.81, -21.18
CIELCh	70, 38.218, 213.662
Yxy	40.0456, 0.2162, 0.2982
Android (android.graphics.Color)	4278238159 (0xFF00BBCF)
YUV	133.3670, 36.3011, -116.9629
Hunter-Lab	63.2816, -28.8493, -16.8192

Details

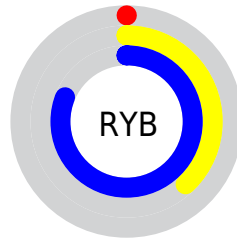
The Hex color **00BBCF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **CF1400**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **68F4FF**, and **008599** is the 20% darker color. If you saturate the color by 10%, you get **00BBCF**, and if you desaturate by 10%, it is **15BDCF**.

Distribution



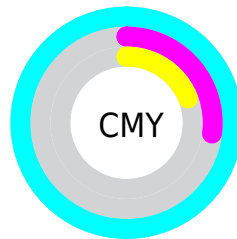
- Red (0%)
- Green (73%)
- Blue (81%)



- Red (0%)
- Yellow (38%)
- Blue (81%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 00BBCF

 00BBCF

FFFFFF

 00A0B3

 68F4FF

 008599

 89FFFF

 006C7F

 A9FFFF

 005366

 C8FFFF

 003B4E

 E7FFFF

 002637

 000222

 000008

 000000

 00BBCF

 15BDCF

 29BFCF

 3EC1CF

 53C3CF

 68C5CF

 7CC7CF

 91C9CF

 A6CBCF

 BACDCF

Harmonies

Analogous

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



3CBCAD



00BBCF



3EB5E7

Triad

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



00BBCF



D994C9



BCA964

Complementary

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



00BBCF



CF1400

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.



DA9D6C



00BBCF



EC8FA7

Square

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



00BBCF



B39FE3



EB9385



98B36F

Rectangle

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



00BBCF



6AAFEF



EB9385



C7A564

Sweetspot

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



00BBCF



B3F8FF



00CF11



527B80



000000



808080

Same Dimension

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



00BBCF



00E6FF



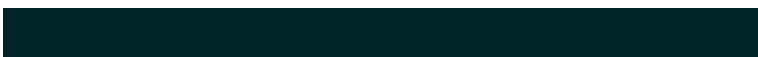
0056CF



5E6869



0098A8



002529

Inverse Universe

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



CF00BB



FF00E6



CF7900



695E68



A80098



290025

Previews

White Background



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

Color Contrast Check

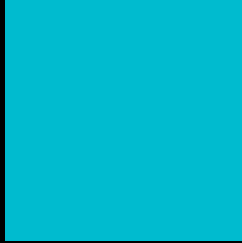
Large Text (above 18pt) WCAG AA × Fail

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 00BBCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

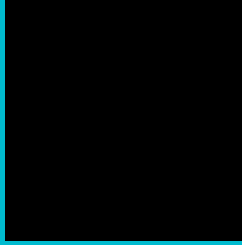
Any Text WCAG AA ✓ Pass

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 00BBCF Background



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

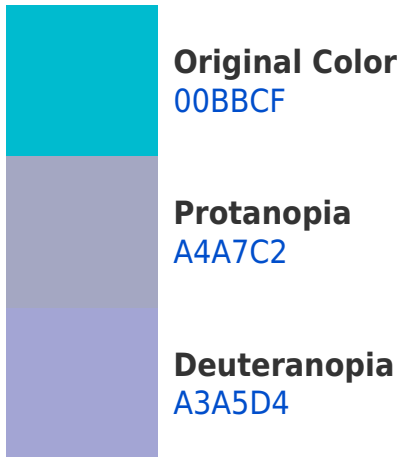


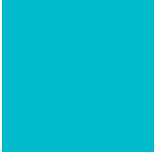
This preview shows how white text looks on a background with the Hex color 00BBCF.

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
00BBCB

Trichromacy



Original Color
00BBCF



Protanomaly
68AEC7



Deuteranomaly
68ADD2



Tritanomaly
00BBCC

Monochromacy



Original Color
00BBCF



Achromatopsia
858585



Achromatomaly
5599A0

CSS Examples

Text

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

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

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 #00BBCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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