

Converting Colors

Hex(00B7CC)

Have a look what the booklet for
Hex(00B7CC) contains.

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Color

Hex(00B7CC)

Conversions

Conversions Part 1

Format	Color
Hex	00B7CC
RGB	0, 183, 204
RGB Percent	0%, 72%, 80%
CMY	1.0000, 0.2824, 0.2000
CMYK	1.00, 0.10, 0.00, 0.20
HSL	186°, 100%, 40%
HSV	186°, 100%, 80%
XYZ	27.8326, 38.2266, 63.0383
YIQ	130.6770, -115.8090, -32.2650

Conversions

Conversions Part 2

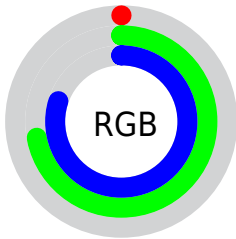
Format	Color
RYB	0, 96, 204
Decimal	47052
CIELab	68.19, -30.85, -21.54
CIELCh	68, 37.624, 214.925
Yxy	38.2266, 0.2156, 0.2961
Android (android.graphics.Color)	4278237132 (0xFF00B7CC)
YUV	130.6770, 36.1482, -114.6037
Hunter-Lab	61.8277, -27.8442, -17.1716

Details

The Hex color **00B7CC** 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 **CC1500**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **67EFFF**, and **008296** is the 20% darker color. If you saturate the color by 10%, you get **00B7CC**, and if you desaturate by 10%, it is **14B9CC**.

Distribution



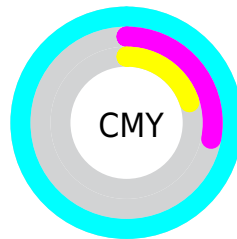
- Red (0%)
- Green (72%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B7CC 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 00B7CC by changing the saturation by 10% instead.

 00B7CC

 00B7CC

FFFFFF

 009CB1


 67EFFF

 008296

 88FFFF

 00687C

 A7FFFF


 004F63

 C6FFFF

 00384B

 E6FFFF

 002434

 00021F

 000003

 000000

 00B7CC

 14B9CC

 29BBCC

 3DBDCC

 52BFCC

 66C1CC

 7AC4CC

 8FC6CC

 A3C8CC

 B8CACC

Harmonies

Analogous

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



38B8AB



00B7CC



40B1E3

Triad

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



00B7CC



D690C4



B7A662

Complementary

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



00B7CC



CC1500

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.



D49A69



00B7CC



E78CA2

Square

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



00B7CC



B19BDE



E69081



93B06D

Rectangle

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



00B7CC



6AABE9



E69081



C2A262

Sweetspot

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



00B7CC



B3F7FF



00CC14



527B80



000000



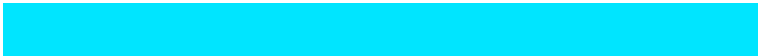
808080

Same Dimension

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



00B7CC



00E5FF



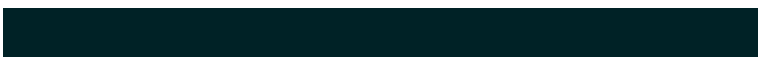
0052CC



5C6566



0095A6



002226

Inverse Universe

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



CC00B7



FF00E5



CC7A00



665C65



A60095



260022

Previews

White Background



This preview shows how the Hex color 00B7CC looks on a white background.

Color Contrast Check

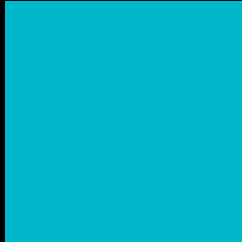
Large Text (above 18pt) WCAG AA × Fail

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 00B7CC 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

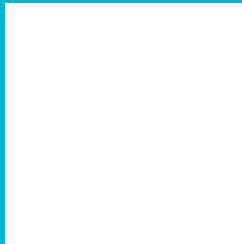
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00B7CC Background



This preview shows how black text looks on a background with the Hex color 00B7CC.

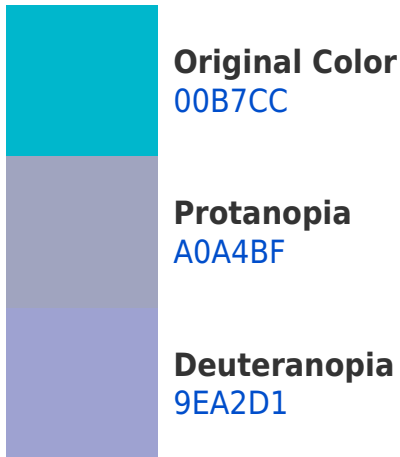


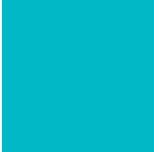
This preview shows how white text looks on a background with the Hex color 00B7CC.

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](#).

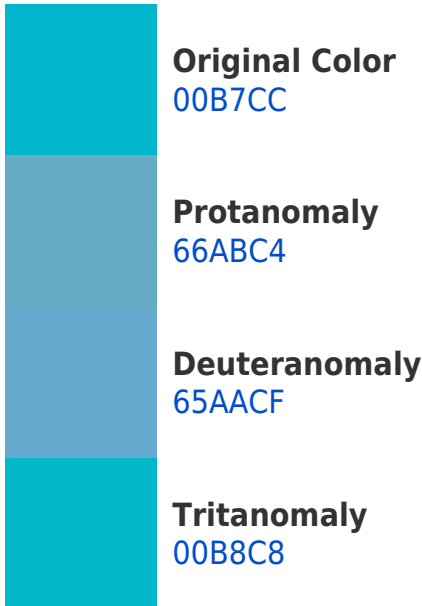
Dichromacy



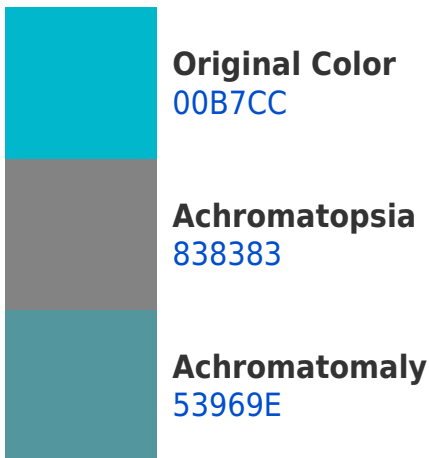


Tritanopia
00B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00B7CC 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 #00B7CC looks like.

```
.text, #text, p{  
    color:#00B7CC  
}
```

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 #00B7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B7CC
}
```

Border

The CSS property to change the border of an element to Hex 00B7CC 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
#00B7CC }
```

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

```
.border{ border-color:#00B7CC }
```

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

Here you see how a box with a 4 pixel #00B7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B7CC; -webkit-box-shadow:4px 4px  
4px 4px #00B7CC; box-shadow:4px 4px 4px  
4px #00B7CC }
```

Background

The CSS property to change the background color of an element to Hex 00B7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B7CC }
```

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

```
.background{ background-color:#00B7CC }
```

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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