

Converting Colors

Hex(00B7D1)

Have a look what the booklet for
Hex(00B7D1) contains.

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Color

Hex(00B7D1)

Conversions

Conversions Part 1

Format	Color
Hex	00B7D1
RGB	0, 183, 209
RGB Percent	0%, 72%, 82%
CMY	1.0000, 0.2824, 0.1804
CMYK	1.00, 0.12, 0.00, 0.18
HSL	187°, 100%, 41%
HSV	187°, 100%, 82%
XYZ	28.4421, 38.4704, 66.2481
YIQ	131.2470, -117.4140, -30.7100

Conversions

Conversions Part 2

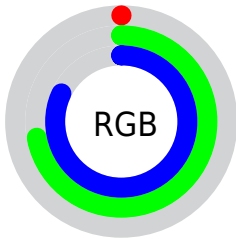
Format	Color
RYB	0, 98, 209
Decimal	47057
CIELab	68.37, -29.21, -24.01
CIELCh	68, 37.816, 219.424
Yxy	38.4704, 0.2136, 0.2889
Android (android.graphics.Color)	4278237137 (0xFF00B7D1)
YUV	131.2470, 38.3322, -115.1036
Hunter-Lab	62.0245, -26.6896, -19.9102

Details

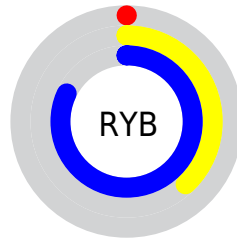
The Hex color **00B7D1** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D11A00**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **68EFFF**, and **00829B** is the 20% darker color. If you saturate the color by 10%, you get **00B7D1**, and if you desaturate by 10%, it is **15BAD1**.

Distribution



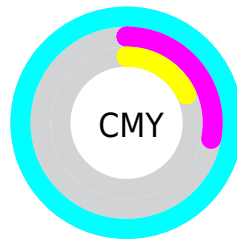
- Red (0%)
- Green (72%)
- Blue (82%)



- Red (0%)
- Yellow (38%)
- Blue (82%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B7D1 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 00B7D1 by changing the saturation by 10% instead.

 00B7D1

 00B7D1

FFFFFF

 009CB5


 68EFFF

 00829B

 89FFFF

 006880

 A8FFFF

 005067

 C8FFFF

 00384F

 E7FFFF

 002438

 000223

 00000A

 000000

 00B7D1

 15BAD1

 2ABCD1

 3FBFD1

 54C1D1

 69C4D1

 7DC7D1

 92C9D1

 A7CCD1

 BCCED1

Harmonies

Analogous

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



2FB9B1



00B7D1



49B1E6

Triad

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



00B7D1



DA8FBF



B3A862

Complementary

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



00B7D1



D11A00

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.



D19C67



00B7D1



E98C9D

Square

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



00B7D1



B99ADC



E5917D



8DB171

Rectangle

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



00B7D1



73AAEB



E5917D



BEA462

Sweetspot

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



00B7D1



B3F5FF



00D118



527A80



000000



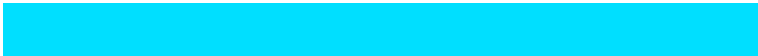
808080

Same Dimension

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



00B7D1



00DFFF



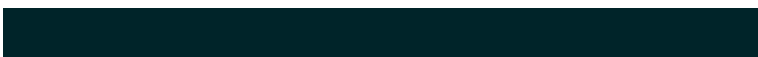
0050D1



5E6769



0093A8



002429

Inverse Universe

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



D100B7



FF00DF



D18100



695E67



A80093



290024

Previews

White Background



This preview shows how the Hex color 00B7D1 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 00B7D1 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 00B7D1 Background



This preview shows how black text looks on a background with the Hex color 00B7D1.

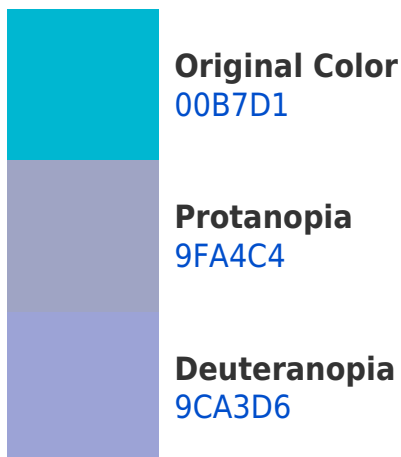


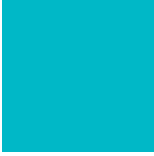
This preview shows how white text looks on a background with the Hex color 00B7D1.

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](#).

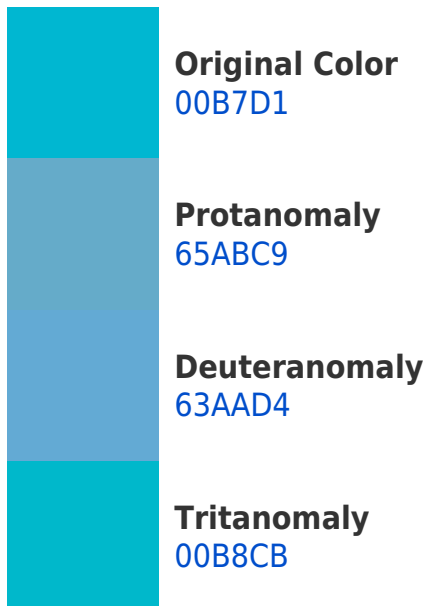
Dichromacy



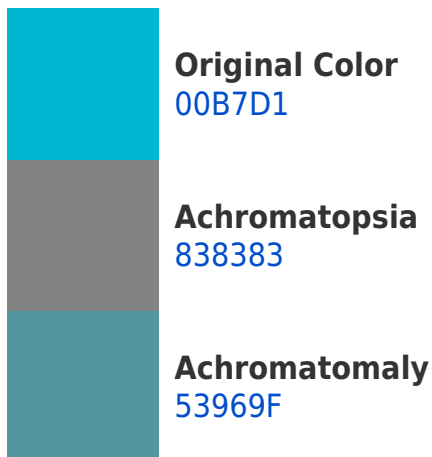


Tritanopia
00B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00B7D1 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 #00B7D1 looks like.

```
.text, #text, p{  
    color:#00B7D1  
}
```

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 #00B7D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B7D1
}
```

Border

The CSS property to change the border of an element to Hex 00B7D1 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
#00B7D1 }
```

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

```
.border{ border-color:#00B7D1 }
```

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

Here you see how a box with a 4 pixel #00B7D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B7D1; -webkit-box-shadow:4px 4px  
4px 4px #00B7D1; box-shadow:4px 4px 4px  
4px #00B7D1 }
```

Background

The CSS property to change the background color of an element to Hex 00B7D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B7D1 }
```

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

```
.background{ background-color:#00B7D1 }
```

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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