

Converting Colors

Hex(00B1CB)

Have a look what the booklet for
Hex(00B1CB) contains.

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Color

Hex(00B1CB)

Conversions

Conversions Part 1

Format	Color
Hex	00B1CB
RGB	0, 177, 203
RGB Percent	0%, 69%, 80%
CMY	1.0000, 0.3059, 0.2039
CMYK	1.00, 0.13, 0.00, 0.20
HSL	188°, 100%, 40%
HSV	188°, 100%, 80%
XYZ	26.5016, 35.7561, 62.0047
YIQ	127.0410, -113.8380, -29.4380

Conversions

Conversions Part 2

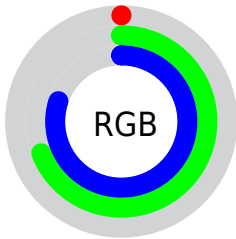
Format	Color
RYB	0, 95, 203
Decimal	45515
CIELab	66.33, -28.24, -23.82
CIELCh	66, 36.941, 220.153
Yxy	35.7561, 0.2133, 0.2877
Android (android.graphics.Color)	4278235595 (0xFF00B1CB)
YUV	127.0410, 37.4478, -111.4150
Hunter-Lab	59.7964, -25.5329, -19.6222

Details

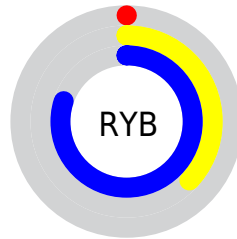
The Hex color **00B1CB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **CB1A00**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **66E9FF**, and **007C95** is the 20% darker color. If you saturate the color by 10%, you get **00B1CB**, and if you desaturate by 10%, it is **14B4CB**.

Distribution



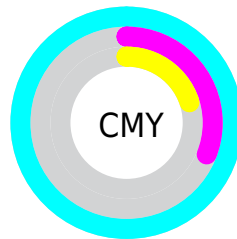
- Red (0%)
- Green (69%)
- Blue (80%)



- Red (0%)
- Yellow (37%)
- Blue (80%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B1CB 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 00B1CB by changing the saturation by 10% instead.

 00B1CB

 00B1CB

FFFFFF

 0096B0

 66E9FF

 007C95

 87FFFF

 00637B

 A6FFFF

 004A62


 C5FFFF

 00334A

 E4FFFF

 002033

 00021E

 000001

 000000

 00B1CB

 14B4CB

 29B6CB

 3DB9CB

 51BBCB

 66BECB

 7AC1CB

 8EC3CB

 A2C6CB

 B7C8CB

Harmonies

Analogous

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



2BB3AC



00B1CB



48ABDF

Triad

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



00B1CB



D48AB9



ACA35F

Complementary

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



00B1CB



CB1A00

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.



CA9863



00B1CB



E28797

Square

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



00B1CB



B495D4



DD8D78



88AC6D

Rectangle

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



00B1CB



71A4E3



DD8D78



B79F5E

Sweetspot

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



00B1CB



B3F5FF



00CB18



527A80



000000



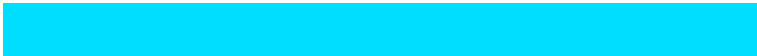
808080

Same Dimension

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



00B1CB



00DEFF



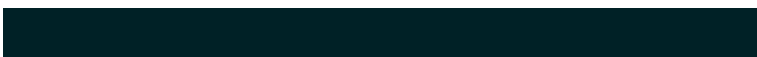
004ECB



5C6566



0091A6



002126

Inverse Universe

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



CB00B1



FF00DE



CB7D00



665C65



A60091



260021

Previews

White Background



This preview shows how the Hex color 00B1CB looks on a white background.

Color Contrast Check

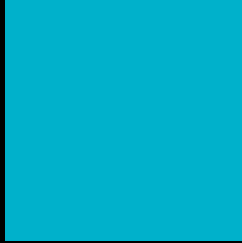
Large Text (above 18pt) WCAG AA × Fail

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 00B1CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

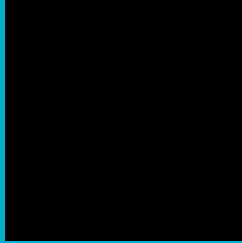
Any Text WCAG AA ✓ Pass

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 00B1CB Background



This preview shows how black text looks on a background with the Hex color 00B1CB.



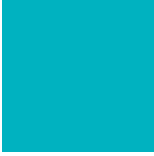
This preview shows how white text looks on a background with the Hex color 00B1CB.

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
00B2C0

Trichromacy



Original Color
00B1CB



Protanomaly
62A6C3



Deuteranomaly
60A4CE



Tritanomaly
00B2C4

Monochromacy



Original Color
00B1CB



Achromatopsia
7F7F7F



Achromatomaly
51919B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B1CB 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 #00B1CB looks like.

```
.text, #text, p{  
    color:#00B1CB  
}
```

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 #00B1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B1CB
}
```

Border

The CSS property to change the border of an element to Hex 00B1CB 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
#00B1CB }
```

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

```
.border{ border-color:#00B1CB }
```

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

Here you see how a box with a 4 pixel #00B1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B1CB; -webkit-box-shadow:4px 4px  
4px 4px #00B1CB; box-shadow:4px 4px 4px  
4px #00B1CB }
```

Background

The CSS property to change the background color of an element to Hex 00B1CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B1CB }
```

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

```
.background{ background-color:#00B1CB }
```

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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