

Converting Colors

Hex(00B1C0)

Have a look what the booklet for
Hex(00B1C0) contains.

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Color

Hex(00B1C0)

Conversions

Conversions Part 1

Format	Color
Hex	00B1C0
RGB	0, 177, 192
RGB Percent	0%, 69%, 75%
CMY	1.0000, 0.3059, 0.2471
CMYK	1.00, 0.08, 0.00, 0.25
HSL	185°, 100%, 38%
HSV	185°, 100%, 75%
XYZ	25.2366, 35.2501, 55.3430
YIQ	125.7870, -110.3070, -32.8590

Conversions

Conversions Part 2

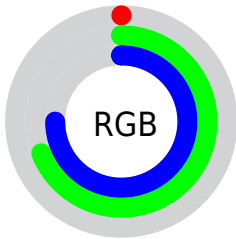
Format	Color
RYB	0, 92, 192
Decimal	45504
CIELab	65.94, -31.84, -18.33
CIELCh	66, 36.736, 209.933
Yxy	35.2501, 0.2179, 0.3043
Android (android.graphics.Color)	4278235584 (0xFF00B1C0)
YUV	125.7870, 32.6430, -110.3152
Hunter-Lab	59.3718, -28.0273, -13.7066

Details

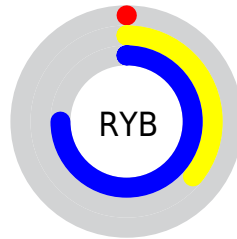
The Hex color **00B1C0** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **C00F00**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **64E9F8**, and **007C8B** is the 20% darker color. If you saturate the color by 10%, you get **00B1C0**, and if you desaturate by 10%, it is **13B3C0**.

Distribution



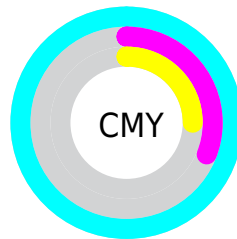
- Red (0%)
- Green (69%)
- Blue (75%)



- Red (0%)
- Yellow (36%)
- Blue (75%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B1C0 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 00B1C0 by changing the saturation by 10% instead.

 00B1C0

 00B1C0


FFFFFF

 0096A5

 64E9F8

 007C8B

 85FFFF

 006271

 A4FFFF

 004A59

 C3FFFF

 003341

 E1FFFF

 001F2B

 000117

 000000

 00B1C0

 13B3C0

 26B4C0

 3AB6C0

 4DB7C0

 60B9C0

 73BAC0

 86BBC0

 9ABDC0

 ADBFC0

Harmonies

Analogous

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



3EB29F



00B1C0



31ACD8

Triad

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



00B1C0



CA8CC2



B69E5E

Complementary

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



00B1C0



C00F00

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.



D09368



00B1C0



DE87A2

Square

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



00B1C0



A498D9



DF8981



94A866

Rectangle

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



00B1C0



5CA7E1



DF8981



C09A5F

Sweetspot

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



00B1C0



AFF4FA



00C00D



50797D



FCFCFC



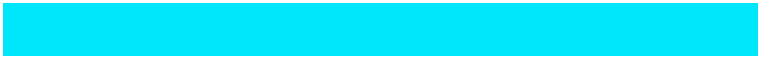
7D7D7D

Same Dimension

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



00B1C0



00E6FA



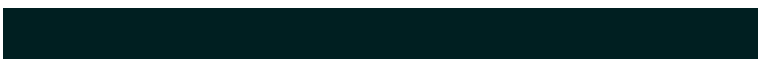
0053C0



576061



0094A1



001F21

Inverse Universe

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



C000B1



FA00E6



C06D00



615760



A10094



21001F

Previews

White Background



This preview shows how the Hex color 00B1C0 looks on a white background.

Color Contrast Check

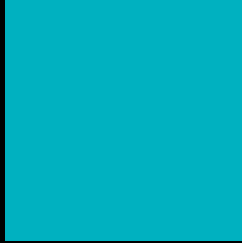
Large Text (above 18pt) WCAG AA × Fail

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 00B1C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

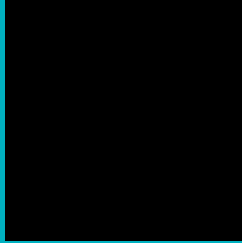
Any Text WCAG AA ✓ Pass

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 00B1C0 Background



This preview shows how black text looks on a background with the Hex color 00B1C0.



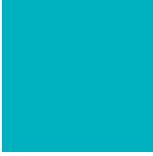
This preview shows how white text looks on a background with the Hex color 00B1C0.

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



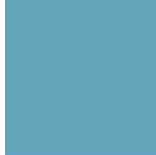


Tritanopia
00B1BF

Trichromacy



Original Color
00B1C0



Protanomaly
63A5B8



Deuteranomaly
63A4C3



Tritanomaly
00B1BF

Monochromacy



Original Color
00B1C0



Achromatopsia
7E7E7E



Achromatomaly
509196

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B1C0 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 #00B1C0 looks like.

```
.text, #text, p{  
    color:#00B1C0  
}
```

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 #00B1C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B1C0  
}
```

Border

The CSS property to change the border of an element to Hex 00B1C0 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  
#00B1C0 }
```

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

```
.border{ border-color:#00B1C0 }
```

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

Here you see how a box with a 4 pixel #00B1C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B1C0; -webkit-box-shadow:4px 4px  
4px 4px #00B1C0; box-shadow:4px 4px 4px  
4px #00B1C0 }
```

Background

The CSS property to change the background color of an element to Hex 00B1C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B1C0 }
```

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

```
.background{ background-color:#00B1C0 }
```

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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