

Converting Colors

Hex(00B1C9)

Have a look what the booklet for
Hex(00B1C9) contains.

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Color

Hex(00B1C9)

Conversions

Conversions Part 1

Format	Color
Hex	00B1C9
RGB	0, 177, 201
RGB Percent	0%, 69%, 79%
CMY	1.0000, 0.3059, 0.2118
CMYK	1.00, 0.12, 0.00, 0.21
HSL	187°, 100%, 39%
HSV	187°, 100%, 79%
XYZ	26.2648, 35.6613, 60.7574
YIQ	126.8130, -113.1960, -30.0600

Conversions

Conversions Part 2

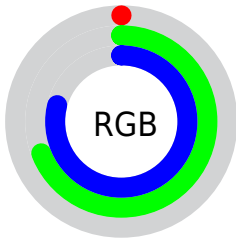
Format	Color
RYB	0, 94, 201
Decimal	45513
CIELab	66.26, -28.90, -22.83
CIElCh	66, 36.826, 218.307
Yxy	35.6613, 0.2141, 0.2907
Android (android.graphics.Color)	4278235593 (0xFF00B1C9)
YUV	126.8130, 36.5742, -111.2150
Hunter-Lab	59.7171, -25.9971, -18.5208

Details

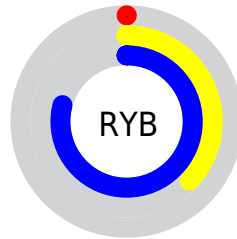
The Hex color **00B1C9** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **C91800**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **66E9FF**, and **007C93** is the 20% darker color. If you saturate the color by 10%, you get **00B1C9**, and if you desaturate by 10%, it is **14B3C9**.

Distribution



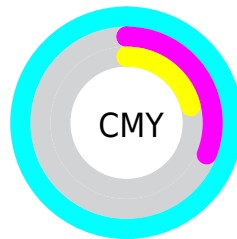
- Red (0%)
- Green (69%)
- Blue (79%)



- Red (0%)
- Yellow (37%)
- Blue (79%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B1C9 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 00B1C9 by changing the saturation by 10% instead.

 00B1C9

 00B1C9

FFFFFF

 0096AE

 66E9FF

 007C93

 86FFFF

 006379

 A6FFFF

 004A60

 C5FFFF

 003348

 E4FFFF

 002032

 00021D

 000000

 00B1C9

 14B3C9

 28B6C9

 3CB8C9

 50BBC9

 65BDC9

 79BFC9

 8DC2C9

 A1C4C9

 B5C7C9

Harmonies

Analogous

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



2FB3A9



00B1C9



44ABDE

Triad

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



00B1C9



D28BBA



AEA25F

Complementary

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



00B1C9



C91800

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.



CB9764



00B1C9



E18799

Square

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



00B1C9



B195D5



DE8C7A



8AAB6C

Rectangle

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



00B1C9



6DA5E3



DE8C7A



B89E5E

Sweetspot

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



00B1C9



B3F6FF



00C917



527A80



000000



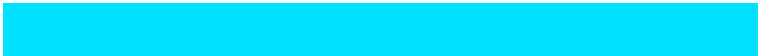
808080

Same Dimension

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



00B1C9



00E1FF



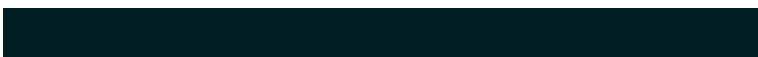
004DC9



5A6263



0090A3



001F24

Inverse Universe

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



C900B1



FF00E1



C97C00



635A62



A30090



24001F

Previews

White Background



This preview shows how the Hex color 00B1C9 looks on a white background.

Color Contrast Check

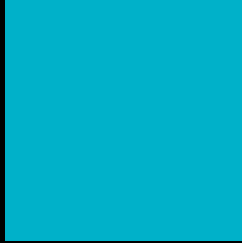
Large Text (above 18pt) WCAG AA × Fail

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 00B1C9 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 00B1C9 Background



This preview shows how black text looks on a background with the Hex color 00B1C9.

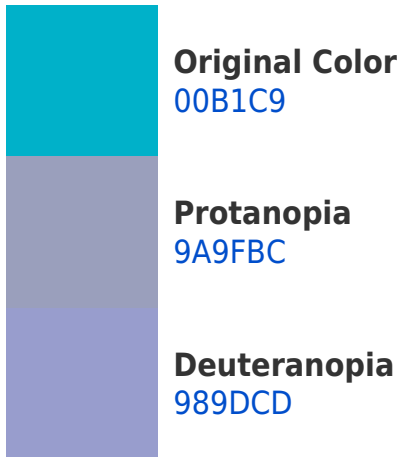


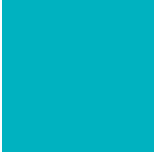
This preview shows how white text looks on a background with the Hex color 00B1C9.

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



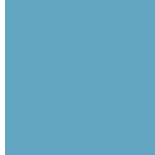


Tritanopia
00B2C0

Trichromacy



Original Color
00B1C9



Protanomaly
62A6C1



Deuteranomaly
61A4CC



Tritanomaly
00B2C3

Monochromacy



Original Color
00B1C9



Achromatopsia
7F7F7F



Achromatomaly
51919A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B1C9 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 #00B1C9 looks like.

```
.text, #text, p{  
    color:#00B1C9  
}
```

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 #00B1C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B1C9
}
```

Border

The CSS property to change the border of an element to Hex 00B1C9 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
#00B1C9 }
```

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

```
.border{ border-color:#00B1C9 }
```

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

Here you see how a box with a 4 pixel #00B1C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B1C9; -webkit-box-shadow:4px 4px  
4px 4px #00B1C9; box-shadow:4px 4px 4px  
4px #00B1C9 }
```

Background

The CSS property to change the background color of an element to Hex 00B1C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B1C9 }
```

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

```
.background{ background-color:#00B1C9 }
```

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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