

# Converting Colors

Hex(00B1C4)

Have a look what the booklet for  
Hex(00B1C4) contains.

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# Color

**Hex(00B1C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B1C4
RGB	0, 177, 196
RGB Percent	0%, 69%, 77%
CMY	1.0000, 0.3059, 0.2314
CMYK	1.00, 0.10, 0.00, 0.23
HSL	186°, 100%, 38%
HSV	186°, 100%, 77%
XYZ	25.6859, 35.4298, 57.7094
YIQ	126.2430, -111.5910, -31.6150

# Conversions

## Conversions Part 2

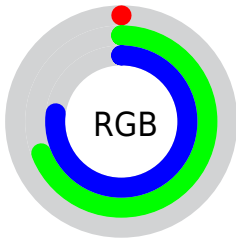
Format	Color
<a href="#">RYB</a>	<a href="#">0, 93, 196</a>
Decimal	<a href="#">45508</a>
CIELab	<a href="#">66.08, -30.54, -20.33</a>
CIElCh	<a href="#">66, 36.689, 213.658</a>
Yxy	<a href="#">35.4298, 0.2162, 0.2982</a>
Android (android.graphics.Color)	<a href="#">4278235588 (0xFF00B1C4)</a>
YUV	<a href="#">126.2430, 34.3902, -110.7151</a>
Hunter-Lab	<a href="#">59.5229, -27.1370, -15.8175</a>

# Details

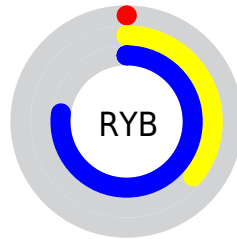
The Hex color **00B1C4** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **C41300**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **65E9FD**, and **007C8E** is the 20% darker color. If you saturate the color by 10%, you get **00B1C4**, and if you desaturate by 10%, it is **14B3C4**.

# Distribution



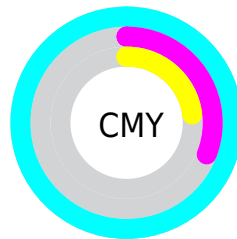
- Red (0%)
- Green (69%)
- Blue (77%)



- Red (0%)
- Yellow (36%)
- Blue (77%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (31%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B1C4 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 00B1C4 by changing the saturation by 10% instead.



 00B1C4

 00B1C4

FFFFFF

 0096A9

 65E9FD

 007C8E

 85FFFF

 006375

 A5FFFF

 004A5C

 C3FFFF

 003344

 E2FFFF

 001F2E

 00011A

 000000

 00B1C4

 14B3C4

 27B5C4

 3BB7C4

 4EB9C4

 62BBC4

 76BCC4

 89BEC4

 9DC0C4

 B0C2C4

# Harmonies

## Analogous

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



38B2A4



00B1C4



3AACDB

# Triad

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



00B1C4



CD8CBE



B2A05E

# Complementary

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



00B1C4



C41300

# 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.



CE9566



00B1C4



DF879E

# Square

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



00B1C4



AA97D7



DE8B7E



8FA969

# Rectangle

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



00B1C4



64A6E2



DE8B7E



BD9C5F



# Sweetspot

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



00B1C4



B3F8FF



00C410



527B80



000000



808080



# Same Dimension

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



00B1C4



00E6FF



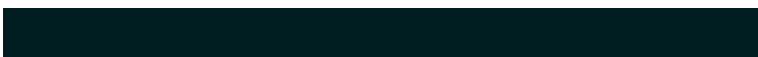
0052C4



576061



0091A1



001E21



# Inverse Universe

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



C400B1



FF00E6



C47200



615760



A10091



21001E



# Previews

## White Background



This preview shows how the Hex color 00B1C4 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 00B1C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

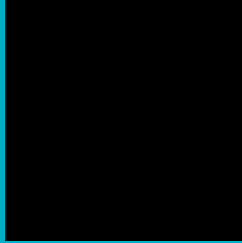
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00B1C4 Background



This preview shows how black text looks on a background with the Hex color 00B1C4.

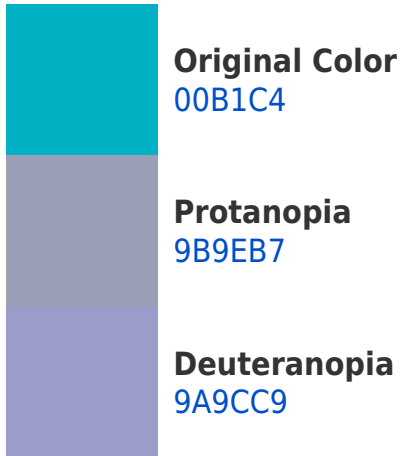


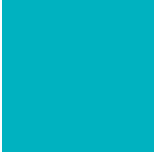
This preview shows how white text looks on a background with the Hex color 00B1C4.

# 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**  
00B1C0

# Trichromacy



**Original Color**  
00B1C4



**Protanomaly**  
63A5BC



**Deuteranomaly**  
62A4C7



**Tritanomaly**  
00B1C1

# Monochromacy



**Original Color**  
00B1C4



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
509197

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B1C4 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 #00B1C4 looks like.

```
.text, #text, p{  
    color:#00B1C4  
}
```

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 #00B1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B1C4
}
```

## Border

The CSS property to change the border of an element to Hex 00B1C4 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
#00B1C4 }
```

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

```
.border{ border-color:#00B1C4 }
```

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

Here you see how a box with a 4 pixel #00B1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B1C4; -webkit-box-shadow:4px 4px  
4px 4px #00B1C4; box-shadow:4px 4px 4px  
4px #00B1C4 }
```

# Background

The CSS property to change the background color of an element to Hex 00B1C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B1C4 }
```

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

```
.background{ background-color:#00B1C4 }
```

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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