

Converting Colors

Hex(00B4B0)

Have a look what the booklet for
Hex(00B4B0) contains.

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Color

Hex(00B4B0)

Conversions

Conversions Part 1

Format	Color
Hex	00B4B0
RGB	0, 180, 176
RGB Percent	0%, 71%, 69%
CMY	1.0000, 0.2941, 0.3098
CMYK	1.00, 0.00, 0.02, 0.29
HSL	179°, 100%, 35%
HSV	179°, 100%, 71%
XYZ	24.1577, 35.7771, 46.7067
YIQ	125.7240, -105.9960, -39.4040

Conversions

Conversions Part 2

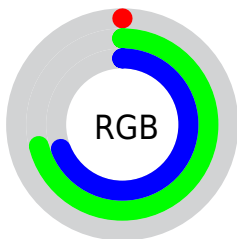
Format	Color
RYB	0, 91, 180
Decimal	46256
CIELab	66.35, -38.23, -8.85
CIELCh	66, 39.245, 193.038
Yxy	35.7771, 0.2265, 0.3355
Android (android.graphics.Color)	4278236336 (0xFF00B4B0)
YUV	125.7240, 24.7861, -110.2599
Hunter-Lab	59.8140, -32.5817, -4.4278

Details

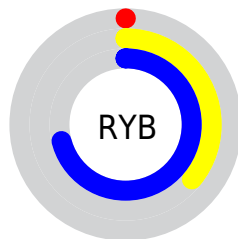
The Hex color **00B4B0** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B40004**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **63ECE8**, and **007E7C** is the 20% darker color. If you saturate the color by 10%, you get **00B4B0**, and if you desaturate by 10%, it is **12B4B0**.

Distribution



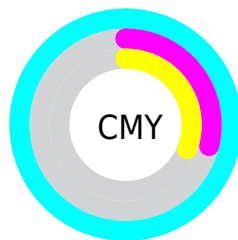
- Red (0%)
- Green (71%)
- Blue (69%)



- Red (0%)
- Yellow (36%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B4B0 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 00B4B0 by changing the saturation by 10% instead.

 00B4B0

 00B4B0

FFFFFF

 009995

 63ECE8

 007E7C

 83FFFF

 006563

 A2FFFF

 004C4B

 C0FFFF

 003434

 DFFFFF

 001F1F

FEFFFF

 000006

 000000

 00B4B0

 12B4B0

 24B4B1

 36B4B1

 48B4B2

 5AB4B2

 6CB4B2

 7EB4B3

 90B4B3

 A2B4B4

Harmonies

Analogous

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



53B38C



00B4B0



00B1D0

Triad

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



00B4B0



B992D5



C9985E

Complementary

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



00B4B0



B40004

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.



DF8C73



00B4B0



D988B7

Square

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



00B4B0



86A0E6



E68693



A9A45B

Rectangle

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



00B4B0



25ADDF



E68693



D29463

Sweetspot

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



00B4B0



A4EBE9



06B400



4B7574



F5F5F5



757575

Same Dimension

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



00B4B0



00EBE5



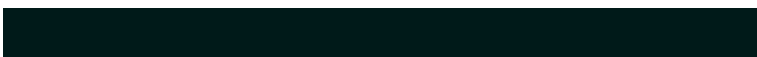
0060B4



505959



009996



001A19

Inverse Universe

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



B40004



EB0005



B45400



595051



990003



1A0001

Previews

White Background



This preview shows how the Hex color 00B4B0 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 00B4B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

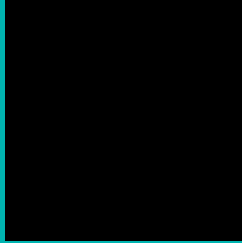
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

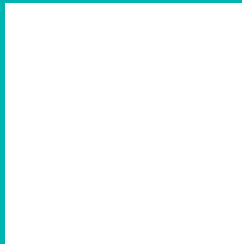
Any Text WCAG AAA ✓ Pass

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

Hex 00B4B0 Background



This preview shows how black text looks on a background with the Hex color 00B4B0.

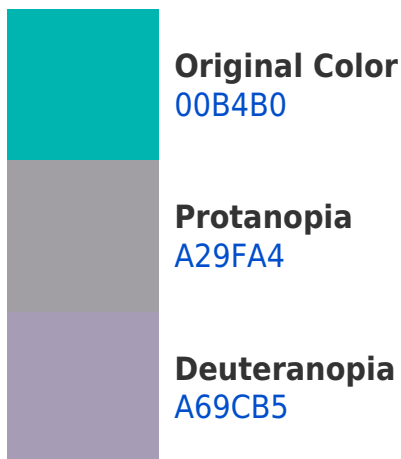


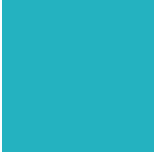
This preview shows how white text looks on a background with the Hex color 00B4B0.

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
24B2C0

Trichromacy



Original Color
00B4B0



Protanomaly
67A7A8



Deuteranomaly
6AA5B3



Tritanomaly
17B3BA

Monochromacy



Original Color
00B4B0



Achromatopsia
7E7E7E



Achromatomaly
509290

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B4B0 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 #00B4B0 looks like.

```
.text, #text, p{  
    color:#00B4B0  
}
```

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 #00B4B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B4B0
}
```

Border

The CSS property to change the border of an element to Hex 00B4B0 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
#00B4B0 }
```

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

```
.border{ border-color:#00B4B0 }
```

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

Here you see how a box with a 4 pixel #00B4B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B4B0; -webkit-box-shadow:4px 4px  
4px 4px #00B4B0; box-shadow:4px 4px 4px  
4px #00B4B0 }
```

Background

The CSS property to change the background color of an element to Hex 00B4B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B4B0 }
```

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

```
.background{ background-color:#00B4B0 }
```

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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