

Converting Colors

Hex(00B3AF)

Have a look what the booklet for
Hex(00B3AF) contains.

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Color

Hex(00B3AF)

Conversions

Conversions Part 1

Format	Color
Hex	00B3AF
RGB	0, 179, 175
RGB Percent	0%, 70%, 69%
CMY	1.0000, 0.2980, 0.3137
CMYK	1.00, 0.00, 0.02, 0.30
HSL	179°, 100%, 35%
HSV	179°, 100%, 70%
XYZ	23.8580, 35.3353, 46.1204
YIQ	125.0230, -105.4000, -39.1920

Conversions

Conversions Part 2

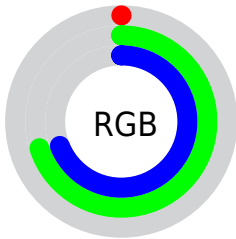
Format	Color
RYB	0, 91, 179
Decimal	45999
CIELab	66.01, -38.08, -8.81
CIELCh	66, 39.087, 193.021
Yxy	35.3353, 0.2265, 0.3355
Android (android.graphics.Color)	4278236079 (0xFF00B3AF)
YUV	125.0230, 24.6387, -109.6452
Hunter-Lab	59.4435, -32.3843, -4.3908

Details

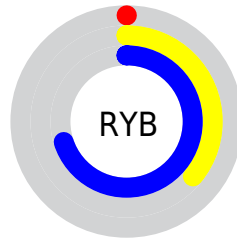
The Hex color **00B3AF** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B30004**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **62EBE6**, and **007D7B** is the 20% darker color. If you saturate the color by 10%, you get **00B3AF**, and if you desaturate by 10%, it is **12B3AF**.

Distribution



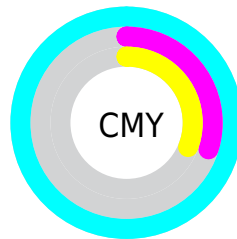
- Red (0%)
- Green (70%)
- Blue (69%)



- Red (0%)
- Yellow (36%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B3AF 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 00B3AF by changing the saturation by 10% instead.

 00B3AF

 00B3AF

FFFFFF

 009894

 62EBE6

 007D7B

 82FFFF

 006462

 A1FFFF

 004B4A

 C0FFFF

 003334

 DEFFFF

 001E1F

FDFFFF

 000005

 000000

 00B3AF

 12B3AF

 24B3B0

 36B3B0

 48B3B1

 5AB3B1

 6BB3B1

 7DB3B2

 8FB3B2

 A1B3B3

Harmonies

Analogous

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



53B28B



00B3AF



00B1CF

Triad

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



00B3AF



B892D4



C8975D

Complementary

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



00B3AF



B30004

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.



DE8C72



00B3AF



D887B6

Square

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



00B3AF



859FE5



E48592



A8A35B

Rectangle

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



00B3AF



25ACDE



E48592



D19363

Sweetspot

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



00B3AF



A2E8E6



06B300



4B7574



F5F5F5



757575

Same Dimension

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



00B3AF



00E8E3



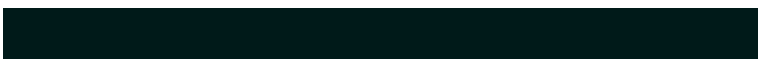
005FB3



505959



009996



001A19

Inverse Universe

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



B30004



E80005



B35400



595051



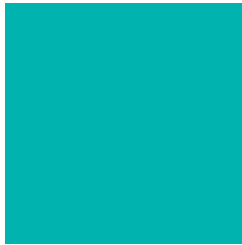
990003



1A0001

Previews

White Background



This preview shows how the Hex color 00B3AF looks on a white background.

Color Contrast Check

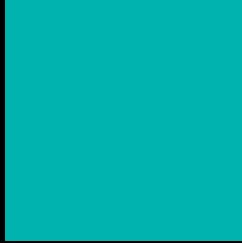
Large Text (above 18pt) WCAG AA × Fail

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 00B3AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

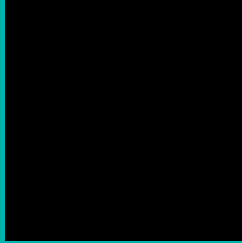
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

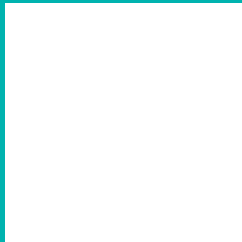
Any Text WCAG AAA ✓ Pass

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

Hex 00B3AF Background



This preview shows how black text looks on a background with the Hex color 00B3AF.

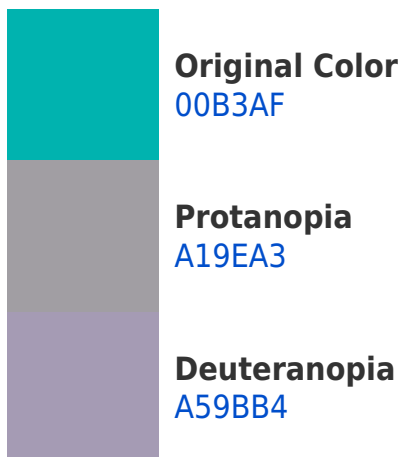


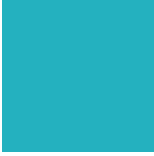
This preview shows how white text looks on a background with the Hex color 00B3AF.

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
24B1BF

Trichromacy



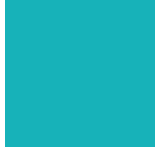
Original Color
00B3AF



Protanomaly
66A6A7



Deuteranomaly
69A4B2



Tritanomaly
17B2B9

Monochromacy



Original Color
00B3AF



Achromatopsia
7D7D7D



Achromatomaly
50918F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B3AF 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 #00B3AF looks like.

```
.text, #text, p{  
    color:#00B3AF  
}
```

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 #00B3AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B3AF
}
```

Border

The CSS property to change the border of an element to Hex 00B3AF 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
#00B3AF }
```

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

```
.border{ border-color:#00B3AF }
```

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

Here you see how a box with a 4 pixel #00B3AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B3AF; -webkit-box-shadow:4px 4px  
4px 4px #00B3AF; box-shadow:4px 4px 4px  
4px #00B3AF }
```

Background

The CSS property to change the background color of an element to Hex 00B3AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B3AF }
```

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

```
.background{ background-color:#00B3AF }
```

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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