

Converting Colors

Hex(00B993)

Have a look what the booklet for
Hex(00B993) contains.

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Color

Hex(00B993)

Conversions

Conversions Part 1

Format	Color
Hex	00B993
RGB	0, 185, 147
RGB Percent	0%, 73%, 58%
CMY	1.0000, 0.2745, 0.4235
CMYK	1.00, 0.00, 0.21, 0.27
HSL	168°, 100%, 36%
HSV	168°, 100%, 73%
XYZ	22.6154, 36.8045, 33.5158
YIQ	125.3530, -98.0620, -51.0380

Conversions

Conversions Part 2

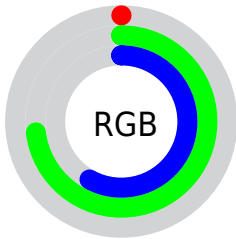
Format	Color
RYB	0, 103, 185
Decimal	47507
CIELab	67.13, -48.49, 8.29
CIELCh	67, 49.191, 170.300
Yxy	36.8045, 0.2433, 0.3960
Android (android.graphics.Color)	4278237587 (0xFF00B993)
YUV	125.3530, 10.6720, -109.9346
Hunter-Lab	60.6667, -39.6253, 9.7115

Details

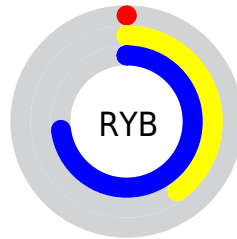
The Hex color **00B993** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B90026**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **61F2C9**, and **008360** is the 20% darker color. If you saturate the color by 10%, you get **00B993**, and if you desaturate by 10%, it is **12B997**.

Distribution



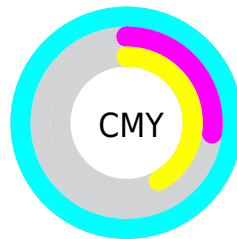
- Red (0%)
- Green (73%)
- Blue (58%)



- Red (0%)
- Yellow (40%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B993 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 00B993 by changing the saturation by 10% instead.

 00B993

 00B993

FFFFFF

 009D79

 61F2C9

 008360

 81FFE5

 006949

 9FFFFFF

 004F32

 BEFFFF

 00371D

 DCFFFF

 002104

 FBFFFF

 000000

 00B993

 12B997

 25B99B

 38B99E

 4AB9A2

 5DB9A6

 6FB9AA

 82B9AE

 94B9B1

 A7B9B5

Harmonies

Analogous

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



6CB469



00B993



00BAC1

Triad

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



00B993



8F9DF6



E98C61

Complementary

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



00B993



B90026

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.



F78087



00B993



CC8CDC

Square

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



00B993



1DACFA



EE80B4



CA9C4A

Rectangle

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



00B993



00B8DB



EE80B4



F0876C

Sweetspot

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



00B993



A8F0E1



28B900



4D786F



F7F7F7



787878

Same Dimension

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



00B993



00F0BE



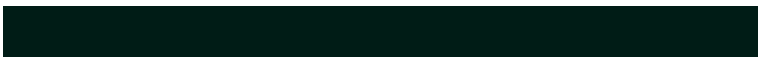
0085B9



535C5A



009C7C



001C16

Inverse Universe

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



B90026



F00031



B93400



5C5355



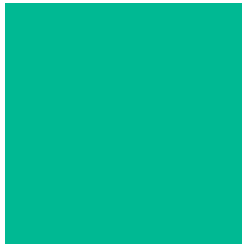
9C0020



1C0006

Previews

White Background



This preview shows how the Hex color 00B993 looks on a white background.

Color Contrast Check

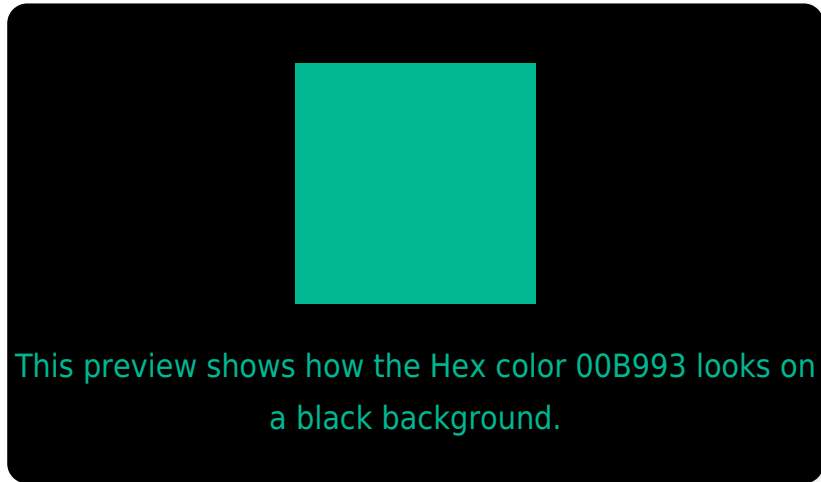
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

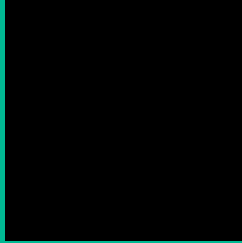
Any Text WCAG AA ✓ Pass

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 00B993 Background



This preview shows how black text looks on a background with the Hex color 00B993.

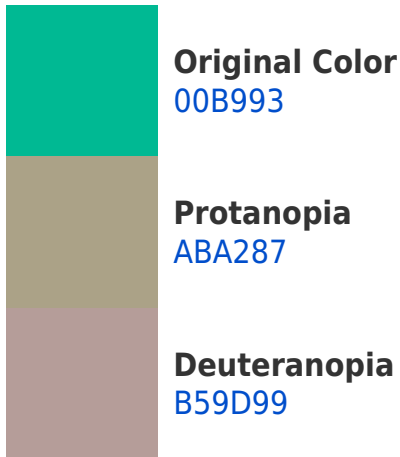


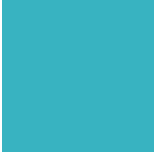
This preview shows how white text looks on a background with the Hex color 00B993.

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
38B3C1

Trichromacy



Original Color
00B993



Protanomaly
6DAA8B



Deuteranomaly
73A797



Tritanomaly
24B5B0

Monochromacy



Original Color
00B993



Achromatopsia
7D7D7D



Achromatomaly
509385

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B993 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 #00B993 looks like.

```
.text, #text, p{  
    color:#00B993  
}
```

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 #00B993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B993
}
```

Border

The CSS property to change the border of an element to Hex 00B993 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
#00B993 }
```

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

```
.border{ border-color:#00B993 }
```

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

Here you see how a box with a 4 pixel #00B993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B993; -webkit-box-shadow:4px 4px  
4px 4px #00B993; box-shadow:4px 4px 4px  
4px #00B993 }
```

Background

The CSS property to change the background color of an element to Hex 00B993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B993 }
```

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

```
.background{ background-color:#00B993 }
```

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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