

Converting Colors

Hex(00B393)

Have a look what the booklet for
Hex(00B393) contains.

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Color

Hex(00B393)

Conversions

Conversions Part 1

Format	Color
Hex	00B393
RGB	0, 179, 147
RGB Percent	0%, 70%, 58%
CMY	1.0000, 0.2980, 0.4235
CMYK	1.00, 0.00, 0.18, 0.30
HSL	169°, 100%, 35%
HSV	169°, 100%, 70%
XYZ	21.3866, 34.3468, 33.1062
YIQ	121.8310, -96.4120, -47.9000

Conversions

Conversions Part 2

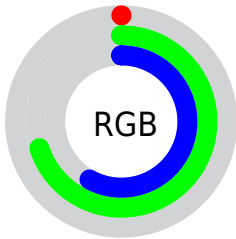
Format	Color
RYB	0, 98, 179
Decimal	45971
CIELab	65.24, -46.04, 5.58
CIELCh	65, 46.381, 173.094
Yxy	34.3468, 0.2407, 0.3866
Android (android.graphics.Color)	4278236051 (0xFF00B393)
YUV	121.8310, 12.4083, -106.8458
Hunter-Lab	58.6061, -37.4225, 7.5318

Details

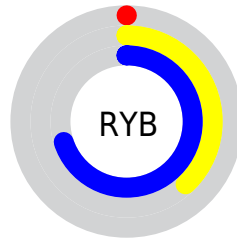
The Hex color **00B393** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B30020**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60ECC9**, and **007D60** is the 20% darker color. If you saturate the color by 10%, you get **00B393**, and if you desaturate by 10%, it is **12B396**.

Distribution



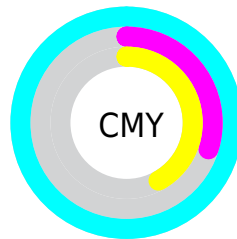
- Red (0%)
- Green (70%)
- Blue (58%)



- Red (0%)
- Yellow (38%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B393 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 00B393 by changing the saturation by 10% instead.

 00B393

 00B393

FFFFFF

 009879

 60ECC9

 007D60

 7FFFE5

 006349

 9EFFFF

 004A32

 BCFFFF

 00331D

 DAFFFF

 001B05

 F9FFFF

 000000

 00B393

 12B396

 24B399

 36B39D

 48B3A0

 5AB3A3

 6BB3A6

 7DB3A9

 8FB3AD

 A1B3B0

Harmonies

Analogous

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



66AF6B



00B393



00B3BE

Triad

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



00B393



9297EB



DE8A5D

Complementary

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



00B393



B30020

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.



EC7E80



00B393



C987D1

Square

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



00B393



3AA6F0



E67DAA



C0994A

Rectangle

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



00B393



00B1D6



E67DAA



E58568

Sweetspot

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



00B393



A2E8DC



21B300



4B756E



F5F5F5



757575

Same Dimension

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



00B393



00E8BF



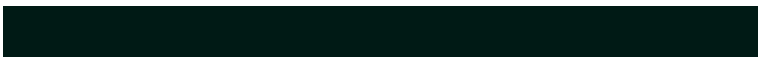
007AB3



505958



00997E



001A15

Inverse Universe

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



B30020



E80029



B33900



595052



99001B



1A0005

Previews

White Background



This preview shows how the Hex color 00B393 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 00B393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

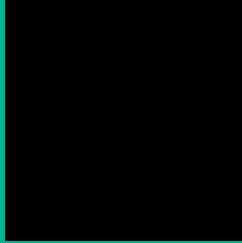
Any Text WCAG AA ✓ Pass

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 00B393 Background



This preview shows how black text looks on a background with the Hex color 00B393.

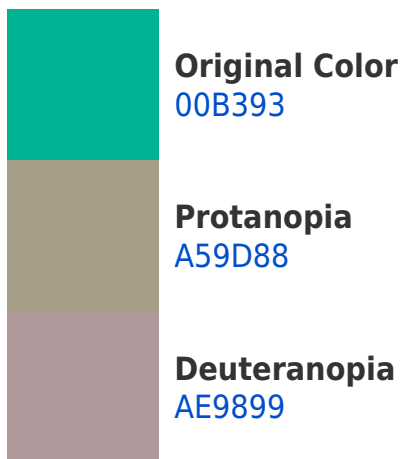


This preview shows how white text looks on a background with the Hex color 00B393.

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
34ADBB

Trichromacy



Original Color
00B393



Protanomaly
69A58C



Deuteranomaly
6FA297



Tritanomaly
21AFAC

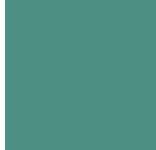
Monochromacy



Original Color
00B393



Achromatopsia
7A7A7A



Achromatomaly
4E8F83

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B393 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 #00B393 looks like.

```
.text, #text, p{  
    color:#00B393  
}
```

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 #00B393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B393
}
```

Border

The CSS property to change the border of an element to Hex 00B393 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
#00B393 }
```

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

```
.border{ border-color:#00B393 }
```

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

Here you see how a box with a 4 pixel #00B393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B393; -webkit-box-shadow:4px 4px  
4px 4px #00B393; box-shadow:4px 4px 4px  
4px #00B393 }
```

Background

The CSS property to change the background color of an element to Hex 00B393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B393 }
```

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

```
.background{ background-color:#00B393 }
```

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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