

Converting Colors

Hex(00B395)

Have a look what the booklet for
Hex(00B395) contains.

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Color

Hex(00B395)

Conversions

Conversions Part 1

Format	Color
Hex	00B395
RGB	0, 179, 149
RGB Percent	0%, 70%, 58%
CMY	1.0000, 0.2980, 0.4157
CMYK	1.00, 0.00, 0.17, 0.30
HSL	170°, 100%, 35%
HSV	170°, 100%, 70%
XYZ	21.5449, 34.4101, 33.9401
YIQ	122.0590, -97.0540, -47.2780

Conversions

Conversions Part 2

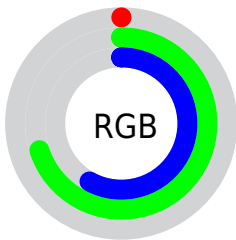
Format	Color
RYB	0, 98, 179
Decimal	45973
CIELab	65.29, -45.51, 4.54
CIELCh	65, 45.737, 174.299
Yxy	34.4101, 0.2397, 0.3828
Android (android.graphics.Color)	4278236053 (0xFF00B395)
YUV	122.0590, 13.2819, -107.0457
Hunter-Lab	58.6601, -37.0951, 6.7576

Details

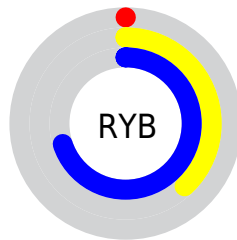
The Hex color **00B395** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B3001E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60ECCB**, and **007D62** is the 20% darker color. If you saturate the color by 10%, you get **00B395**, and if you desaturate by 10%, it is **12B398**.

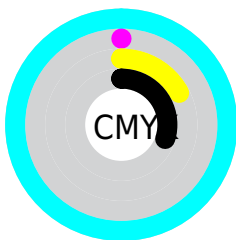
Distribution



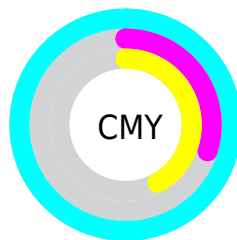
- Red (0%)
- Green (70%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B395 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 00B395 by changing the saturation by 10% instead.

 00B395

 00B395

FFFFFF

 00987B

 60ECCB

 007D62

 7FFFE7

 00634B

 9EFFFF

 004A34

 BCFFFF

 00331F

 DAFFFF

 001B07

 F9FFFF

 000000

 00B395

 12B398

 24B39B

 36B39E

 48B3A1

 5AB3A4

 6BB3A7

 7DB3AA

 8FB3AD

 A1B3B0

Harmonies

Analogous

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



65AF6D



00B395



00B3BF

Triad

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



00B395



9697E9



DC8B5D

Complementary

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



00B395



B3001E

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.



EC7F7F



00B395



CA87CF

Square

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



00B395



43A5F0



E67DA8



BE9A4B

Rectangle

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



00B395



00B1D7



E67DA8



E38667

Sweetspot

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



00B395



A2E8DC



21B300



4B756E



F5F5F5



757575

Same Dimension

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



00B395



00E8C1



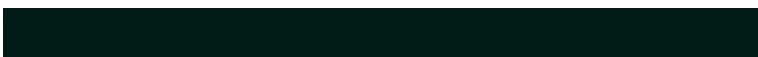
007AB3



505958



00997F



001A15

Inverse Universe

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



B3001E



E80027



B33900



595052



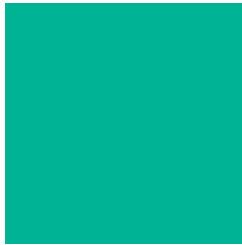
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 00B395 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 00B395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

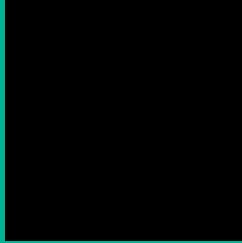
Any Text WCAG AA ✓ Pass

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 00B395 Background



This preview shows how black text looks on a background with the Hex color 00B395.

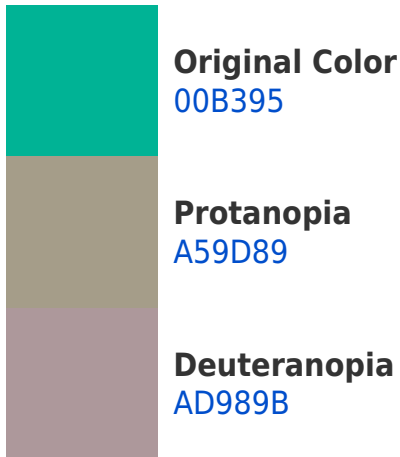


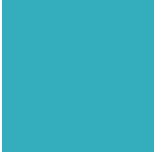
This preview shows how white text looks on a background with the Hex color 00B395.

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
34AEB3

Trichromacy



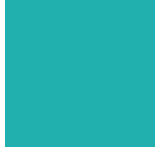
Original Color
00B395



Protanomaly
69A58D



Deuteranomaly
6EA299



Tritanomaly
21B0AE

Monochromacy



Original Color
00B395



Achromatopsia
7A7A7A



Achromatomaly
4E8F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B395 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 #00B395 looks like.

```
.text, #text, p{  
    color:#00B395  
}
```

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 #00B395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B395
}
```

Border

The CSS property to change the border of an element to Hex 00B395 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
#00B395 }
```

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

```
.border{ border-color:#00B395 }
```

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

Here you see how a box with a 4 pixel #00B395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B395; -webkit-box-shadow:4px 4px  
4px 4px #00B395; box-shadow:4px 4px 4px  
4px #00B395 }
```

Background

The CSS property to change the background color of an element to Hex 00B395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B395 }
```

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

```
.background{ background-color:#00B395 }
```

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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