

Converting Colors

Hex(00B595)

Have a look what the booklet for
Hex(00B595) contains.

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Color

Hex(00B595)

Conversions

Conversions Part 1

Format	Color
Hex	00B595
RGB	0, 181, 149
RGB Percent	0%, 71%, 58%
CMY	1.0000, 0.2902, 0.4157
CMYK	1.00, 0.00, 0.18, 0.29
HSL	169°, 100%, 35%
HSV	169°, 100%, 71%
XYZ	21.9487, 35.2177, 34.0746
YIQ	123.2330, -97.6040, -48.3240

Conversions

Conversions Part 2

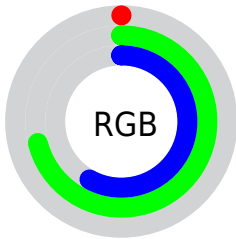
Format	Color
RYB	0, 99, 181
Decimal	46485
CIELab	65.92, -46.34, 5.45
CIELCh	66, 46.657, 173.290
Yxy	35.2177, 0.2406, 0.3860
Android (android.graphics.Color)	4278236565 (0xFF00B595)
YUV	123.2330, 12.7031, -108.0753
Hunter-Lab	59.3445, -37.8342, 7.4978

Details

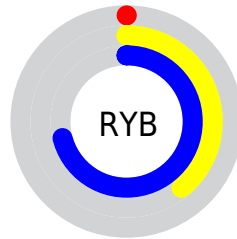
The Hex color **00B595** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B50020**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **60EECB**, and **007F62** is the 20% darker color. If you saturate the color by 10%, you get **00B595**, and if you desaturate by 10%, it is **12B598**.

Distribution



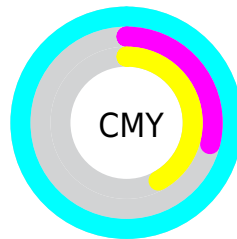
- Red (0%)
- Green (71%)
- Blue (58%)



- Red (0%)
- Yellow (39%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B595 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 00B595 by changing the saturation by 10% instead.

 00B595

 00B595

FFFFFF

 009A7B

 60EECB

 007F62

 80FFE7

 00654B

 9EFFFF

 004C34

 BDFFFF

 00341F

 DBFFFF

 001D07

 FAFFFF

 000000

 00B595

 12B598

 24B59B


 36B59F

 48B5A2

 5BB5A5

 6DB5A8

 7FB5AB

 91B5AF

 A3B5B2

Harmonies

Analogous

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



67B16C



00B595



00B5C0

Triad

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



00B595



9599ED



E08B5E

Complementary

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



00B595



B50020

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.



EF7F81



00B595



CB89D3

Square

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



00B595



3DA7F3



E97EAB



C29B4B

Rectangle

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



00B595



00B3D8



E97EAB



E78769

Sweetspot

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



00B595



A4EBDE



21B500



4B756E



F5F5F5



757575

Same Dimension

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



00B595



00EBC1



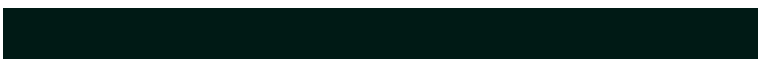
007CB5



505958



00997E



001A15

Inverse Universe

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



B50020



EB0029



B53900



595052



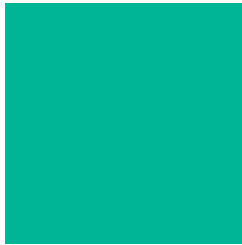
99001B



1A0005

Previews

White Background



This preview shows how the Hex color 00B595 looks on a white background.

Color Contrast Check

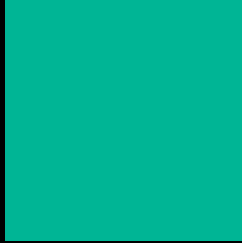
Large Text (above 18pt) WCAG AA × Fail

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 00B595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

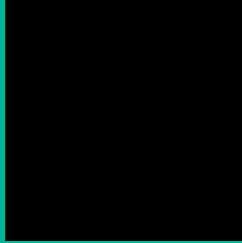
Any Text WCAG AA ✓ Pass

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 00B595 Background



This preview shows how black text looks on a background with the Hex color 00B595.

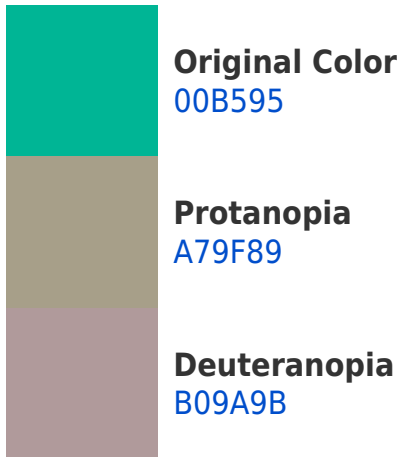


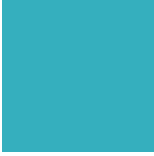
This preview shows how white text looks on a background with the Hex color 00B595.

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
35AFBE

Trichromacy



Original Color
00B595



Protanomaly
6AA78D



Deuteranomaly
70A499



Tritanomaly
22B1AF

Monochromacy



Original Color
00B595



Achromatopsia
7B7B7B



Achromatomaly
4E9084

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B595 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 #00B595 looks like.

```
.text, #text, p{  
    color:#00B595  
}
```

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 #00B595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B595
}
```

Border

The CSS property to change the border of an element to Hex 00B595 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
#00B595 }
```

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

```
.border{ border-color:#00B595 }
```

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

Here you see how a box with a 4 pixel #00B595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B595; -webkit-box-shadow:4px 4px  
4px 4px #00B595; box-shadow:4px 4px 4px  
4px #00B595 }
```

Background

The CSS property to change the background color of an element to Hex 00B595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B595 }
```

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

```
.background{ background-color:#00B595 }
```

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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