

Converting Colors

Hex(00B58B)

Have a look what the booklet for
Hex(00B58B) contains.

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Color

Hex(00B58B)

Conversions

Conversions Part 1

Format	Color
Hex	00B58B
RGB	0, 181, 139
RGB Percent	0%, 71%, 55%
CMY	1.0000, 0.2902, 0.4549
CMYK	1.00, 0.00, 0.23, 0.29
HSL	166°, 100%, 35%
HSV	166°, 100%, 71%
XYZ	21.1841, 34.9118, 30.0482
YIQ	122.0930, -94.3940, -51.4340

Conversions

Conversions Part 2

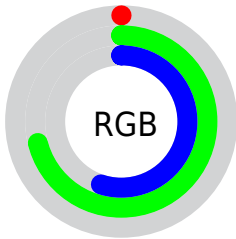
Format	Color
RYB	0, 102, 181
Decimal	46475
CIELab	65.68, -48.92, 10.62
CIELCh	66, 50.056, 167.756
Yxy	34.9118, 0.2459, 0.4053
Android (android.graphics.Color)	4278236555 (0xFF00B58B)
YUV	122.0930, 8.3352, -107.0756
Hunter-Lab	59.0862, -39.4036, 11.2085

Details

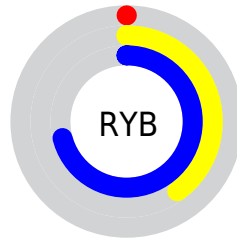
The Hex color **00B58B** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B5002A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60EEC1**, and **007F59** is the 20% darker color. If you saturate the color by 10%, you get **00B58B**, and if you desaturate by 10%, it is **12B58F**.

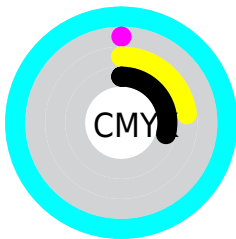
Distribution



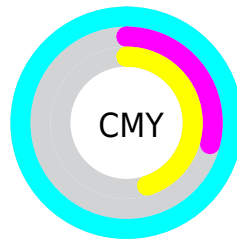
- Red (0%)
- Green (71%)
- Blue (55%)



- Red (0%)
- Yellow (40%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B58B 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 00B58B by changing the saturation by 10% instead.

 00B58B

 00B58B

FFFFFF

 009A72

 60EEC1

 007F59

 7FFFDC

 006542

 9EFFF9

 004C2B

 BCFFF9

 003417

 DAFFF9

 001C00

 F9FFF9

 000000

 00B58B

 12B58F

 24B593

 36B598

 48B59C

 5BB5A0

 6DB5A4

 7FB5A8

 91B5AD

 A3B5B1

Harmonies

Analogous

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



6CB061



00B58B



00B6B9

Triad

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



00B58B



849BF5



E7865F

Complementary

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



00B58B



B5002A

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.



F47A87



00B58B



C489DC

Square

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



00B58B



00AAF7



E97BB4



C99746

Rectangle

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



00B58B



00B4D5



E97BB4



EE816B

Sweetspot

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



00B58B



A4EBDA



2AB500



4B756C



F5F5F5



757575

Same Dimension

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



00B58B



00EBB4



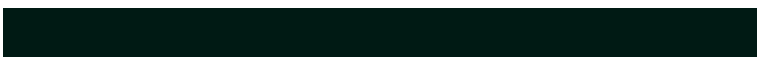
0085B5



505957



009975



001A14

Inverse Universe

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



B5002A



EB0036



B53000



595052



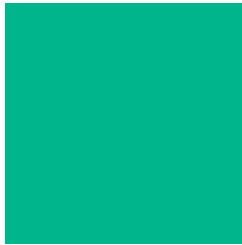
990024



1A0006

Previews

White Background



This preview shows how the Hex color 00B58B 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 00B58B 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 00B58B Background



This preview shows how black text looks on a background with the Hex color 00B58B.

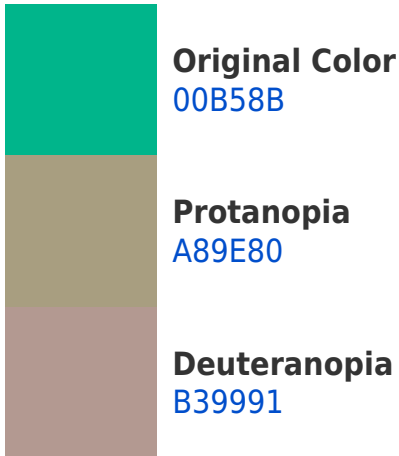


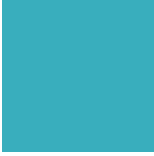
This preview shows how white text looks on a background with the Hex color 00B58B.

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



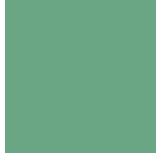


Tritanopia
39AEBD

Trichromacy



Original Color
00B58B



Protanomaly
6BA684



Deuteranomaly
72A38F



Tritanomaly
24B1AB

Monochromacy



Original Color
00B58B



Achromatopsia
7A7A7A



Achromatomaly
4E8F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B58B 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 #00B58B looks like.

```
.text, #text, p{  
    color:#00B58B  
}
```

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 #00B58B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B58B
}
```

Border

The CSS property to change the border of an element to Hex 00B58B 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
#00B58B }
```

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

```
.border{ border-color:#00B58B }
```

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

Here you see how a box with a 4 pixel #00B58B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B58B; -webkit-box-shadow:4px 4px  
4px 4px #00B58B; box-shadow:4px 4px 4px  
4px #00B58B }
```

Background

The CSS property to change the background color of an element to Hex 00B58B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B58B }
```

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

```
.background{ background-color:#00B58B }
```

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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