

Converting Colors

Hex(06B59B)

Have a look what the booklet for
Hex(06B59B) contains.

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Color

Hex(06B59B)

Conversions

Conversions Part 1

Format	Color
Hex	06B59B
RGB	6, 181, 155
RGB Percent	2%, 71%, 61%
CMY	0.9765, 0.2902, 0.3922
CMYK	0.97, 0.00, 0.14, 0.29
HSL	171°, 94%, 37%
HSV	171°, 97%, 71%
XYZ	22.5154, 35.4530, 36.6668
YIQ	125.7110, -95.9540, -45.1860

Conversions

Conversions Part 2

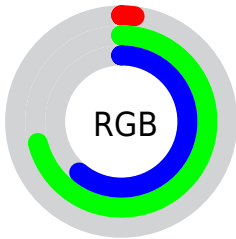
Format	Color
RYB	6, 101, 181
Decimal	439707
CIELab	66.10, -44.50, 2.41
CIElCh	66, 44.570, 176.905
Yxy	35.4530, 0.2379, 0.3746
Android (android.graphics.Color)	4278629787 (0xFF06B59B)
YUV	125.7110, 14.4395, -104.9865
Hunter-Lab	59.5424, -36.7013, 5.1684

Details

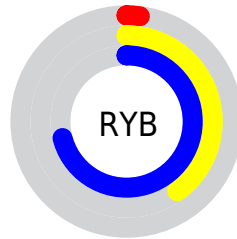
The Hex color **06B59B** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B50620**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **62EED1**, and **007F68** is the 20% darker color. If you saturate the color by 10%, you get **00B59A**, and if you desaturate by 10%, it is **18B59E**.

Distribution



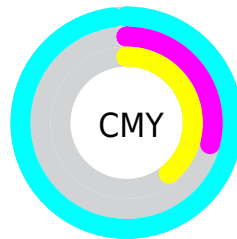
- Red (2%)
- Green (71%)
- Blue (61%)



- Red (2%)
- Yellow (40%)
- Blue (71%)



- Cyan (97%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (98%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B59B 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 06B59B by changing the saturation by 10% instead.

 06B59B

 06B59B

FFFFFF

 009A81

 62EED1

 007F68

 81FFEE

 006550

 A0FFFF

 004C39

 BEFFFF

 003424

 DDFFFF

 001E0F

 FBFFFF

 000000

 06B59B

 06B59B

 00B59A

 18B59E

 2AB5A0

 3CB5A3

 4EB5A6

 60B5A8

 73B5AB

 85B5AE

 97B5B1

 A9B5B3

Harmonies

Analogous

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



64B173



06B59B



00B5C4

Triad

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



06B59B



9E98E8



DB8F5F

Complementary

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



06B59B



B50620

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.



EC837F



06B59B



CF89CD

Square

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



06B59B



54A6F0



E880A6



BD9D4F

Rectangle

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



06B59B



00B2DA



E880A6



E38A68

Sweetspot

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



06B59B



A7EBE0



20B506



4C756F



F5F5F5



757575

Same Dimension

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



06B59B



00EBC8



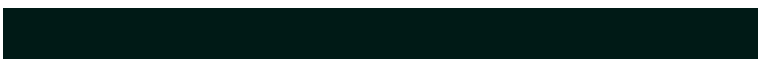
0678B5



505958



009982



001A16

Inverse Universe

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



B50620



EB0023



B54306



595052



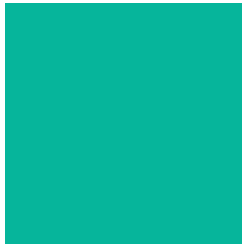
990017



1A0004

Previews

White Background



This preview shows how the Hex color 06B59B looks on a white background.

Color Contrast Check

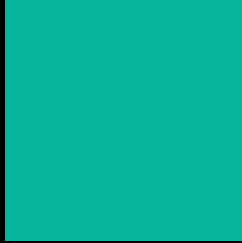
Large Text (above 18pt) WCAG AA × Fail

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 06B59B 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 06B59B Background



This preview shows how black text looks on a background with the Hex color 06B59B.

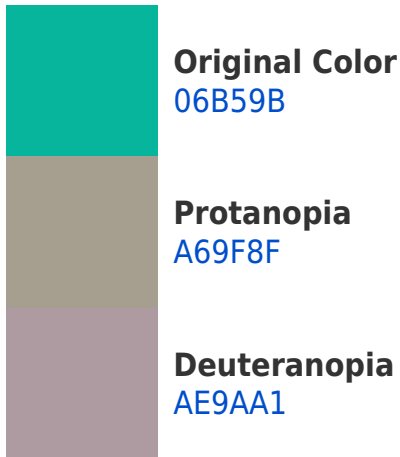


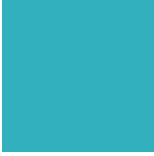
This preview shows how white text looks on a background with the Hex color 06B59B.

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
32B0BE

Trichromacy



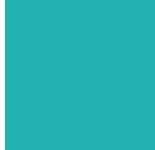
Original Color
06B59B



Protanomaly
6CA793



Deuteranomaly
71A49F



Tritanomaly
22B2B1

Monochromacy



Original Color
06B59B



Achromatopsia
7E7E7E



Achromatomaly
529289

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B59B 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 #06B59B looks like.

```
.text, #text, p{  
    color:#06B59B  
}
```

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 #06B59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B59B
}
```

Border

The CSS property to change the border of an element to Hex 06B59B 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
#06B59B }
```

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

```
.border{ border-color:#06B59B }
```

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

Here you see how a box with a 4 pixel #06B59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B59B; -webkit-box-shadow:4px 4px  
4px 4px #06B59B; box-shadow:4px 4px 4px  
4px #06B59B }
```

Background

The CSS property to change the background color of an element to Hex 06B59B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B59B }
```

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

```
.background{ background-color:#06B59B }
```

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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