

Converting Colors

Hex(09B89B)

Have a look what the booklet for
Hex(09B89B) contains.

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Color

Hex(09B89B)

Conversions

Conversions Part 1

Format	Color
Hex	09B89B
RGB	9, 184, 155
RGB Percent	4%, 72%, 61%
CMY	0.9647, 0.2784, 0.3922
CMYK	0.95, 0.00, 0.16, 0.28
HSL	170°, 91%, 38%
HSV	170°, 95%, 72%
XYZ	23.1695, 36.7056, 36.8741
YIQ	128.3690, -94.9910, -46.1190

Conversions

Conversions Part 2

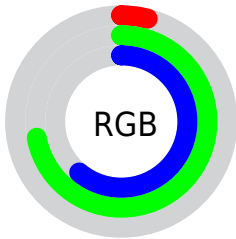
Format	Color
RYB	9, 104, 184
Decimal	637083
CIELab	67.06, -45.66, 3.79
CIElCh	67, 45.814, 175.252
Yxy	36.7056, 0.2395, 0.3794
Android (android.graphics.Color)	4278827163 (0xFF09B89B)
YUV	128.3690, 13.1291, -104.6866
Hunter-Lab	60.5852, -37.7604, 6.3238

Details

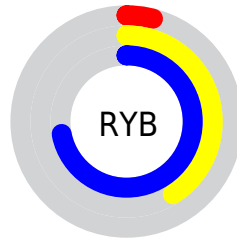
The Hex color **09B89B** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B80926**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **63F1D1**, and **008268** is the 20% darker color. If you saturate the color by 10%, you get **00B89A**, and if you desaturate by 10%, it is **1BB89E**.

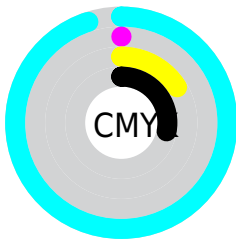
Distribution



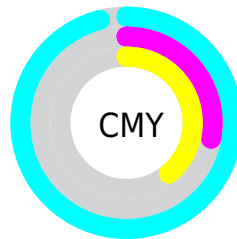
- Red (4%)
- Green (72%)
- Blue (61%)



- Red (4%)
- Yellow (41%)
- Blue (72%)



- Cyan (95%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)



- Cyan (96%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09B89B 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 09B89B by changing the saturation by 10% instead.

 09B89B

 09B89B

FFFFFF

 009D81


 63F1D1

 008268

 83FFEE

 006850

 A1FFFF

 004F39

 C0FFFF

 003724

 DEFFFF

 00210F

FDFFFF

 000000

 09B89B

 09B89B

 00B89A

 1BB89E

 2EB8A1

 40B8A4

 53B8A7

 65B8AA

 77B8AD

 8AB8B0

 9CB8B3

 AFB8B6

Harmonies

Analogous

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



67B473



09B89B



00B8C5

Triad

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



09B89B



9C9BEE



E19061

Complementary

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



09B89B



B80926

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.



F18482



09B89B



D08BD3

Square

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



09B89B



4DA9F5



EC82AB



C29F4F

Rectangle

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



09B89B



00B5DD



EC82AB



E88B6A

Sweetspot

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



09B89B



AAF0E4



26B809



4E7871



F7F7F7



787878

Same Dimension

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



09B89B



00F0C8



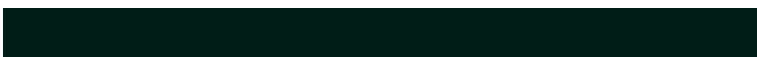
097EB8



535C5A



009C82



001C17

Inverse Universe

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



B80926



F00028



B84309



5C5354



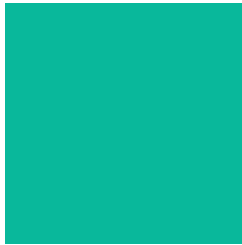
9C001A



1C0005

Previews

White Background



This preview shows how the Hex color 09B89B 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 09B89B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

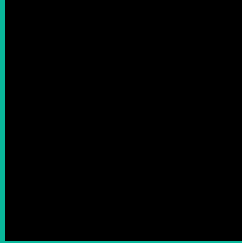
Any Text WCAG AA ✓ Pass

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 09B89B Background



This preview shows how black text looks on a background with the Hex color 09B89B.

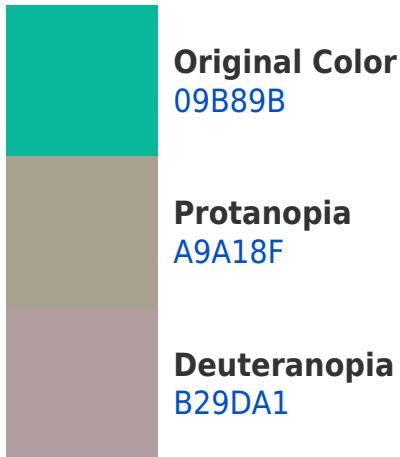


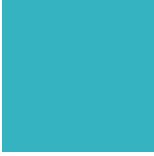
This preview shows how white text looks on a background with the Hex color 09B89B.

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
35B3C1

Trichromacy



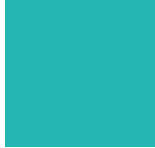
Original Color
09B89B



Protanomaly
6FA993



Deuteranomaly
75A79F



Tritanomaly
25B5B3

Monochromacy



Original Color
09B89B



Achromatopsia
808080



Achromatomaly
55948A

CSS Examples

Text

The CSS property to change the color of the text to Hex 09B89B 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 #09B89B looks like.

```
.text, #text, p{  
    color:#09B89B  
}
```

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 #09B89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09B89B
}
```

Border

The CSS property to change the border of an element to Hex 09B89B 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
#09B89B }
```

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

```
.border{ border-color:#09B89B }
```

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

Here you see how a box with a 4 pixel #09B89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09B89B; -webkit-box-shadow:4px 4px  
4px 4px #09B89B; box-shadow:4px 4px 4px  
4px #09B89B }
```

Background

The CSS property to change the background color of an element to Hex 09B89B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09B89B }
```

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

```
.background{ background-color:#09B89B }
```

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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