

Converting Colors

Hex(09B9C7)

Have a look what the booklet for
Hex(09B9C7) contains.

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Color

Hex(09B9C7)

Conversions

Conversions Part 1

Format	Color
Hex	09B9C7
RGB	9, 185, 199
RGB Percent	4%, 73%, 78%
CMY	0.9647, 0.2745, 0.2196
CMYK	0.95, 0.07, 0.00, 0.22
HSL	184°, 91%, 41%
HSV	184°, 95%, 78%
XYZ	27.7704, 38.8795, 60.0737
YIQ	133.9720, -109.3900, -32.9580

Conversions

Conversions Part 2

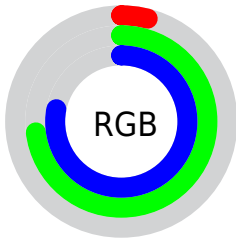
Format	Color
RYB	9, 100, 199
Decimal	637383
CIELab	68.66, -33.15, -18.06
CIELCh	69, 37.752, 208.586
Yxy	38.8795, 0.2191, 0.3068
Android (android.graphics.Color)	4278827463 (0xFF09B9C7)
YUV	133.9720, 32.0588, -109.6004
Hunter-Lab	62.3534, -29.6198, -13.4748

Details

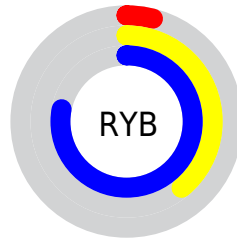
The Hex color **09B9C7** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C71709**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68F2FF**, and **008391** is the 20% darker color. If you saturate the color by 10%, you get **00B8C7**, and if you desaturate by 10%, it is **1DBAC7**.

Distribution



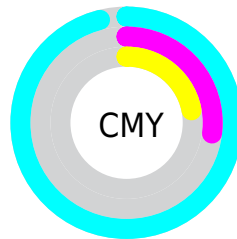
- Red (4%)
- Green (73%)
- Blue (78%)



- Red (4%)
- Yellow (39%)
- Blue (78%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (96%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09B9C7 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 09B9C7 by changing the saturation by 10% instead.

 09B9C7

 09B9C7

FFFFFF

 009EAC

 68F2FF

 008391

 89FFFF

 006A77

 A8FFFF

 00515F

 C7FFFF

 003947

 E6FFFF

 002530

 00021C

 000000

 09B9C7

 09B9C7

00B8C7

1DBAC7

31BCC7

45BDC7

59BFC7

6CC0C7

80C2C7

94C3C7

A8C5C7

BCC6C7

Harmonies

Analogous

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



44BAA5



09B9C7



32B4E1

Triad

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



09B9C7



D193CC



BFA563

Complementary

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



09B9C7



C71709

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.



DA996E



09B9C7



E78DAA

Square

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



09B9C7



A99FE3



E98F89



9CAF6A

Rectangle

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



09B9C7



5EAFEA



E98F89



C9A164

Sweetspot

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



09B9C7



B5FAFF



09C716



537C80



000000



808080

Same Dimension

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



09B9C7



00ECFF



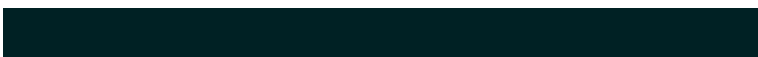
095BC7



5A6363



0097A3



002124

Inverse Universe

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



C709B9



FF00EC



C77509



635A63



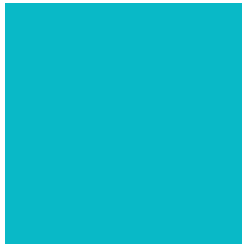
A30097



240021

Previews

White Background



This preview shows how the Hex color 09B9C7 looks on a white background.

Color Contrast Check

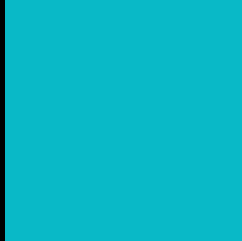
Large Text (above 18pt) WCAG AA × Fail

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 09B9C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

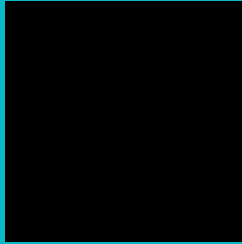
Any Text WCAG AA ✓ Pass

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 09B9C7 Background



This preview shows how black text looks on a background with the Hex color 09B9C7.

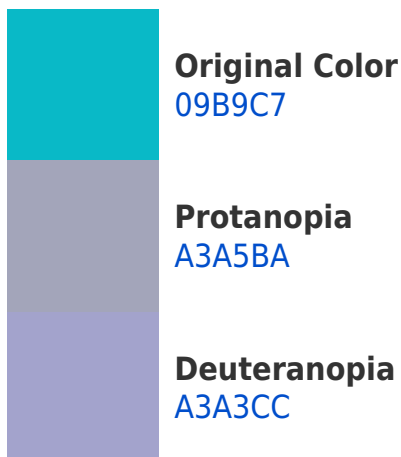


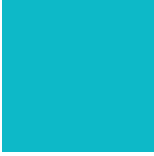
This preview shows how white text looks on a background with the Hex color 09B9C7.

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](#).

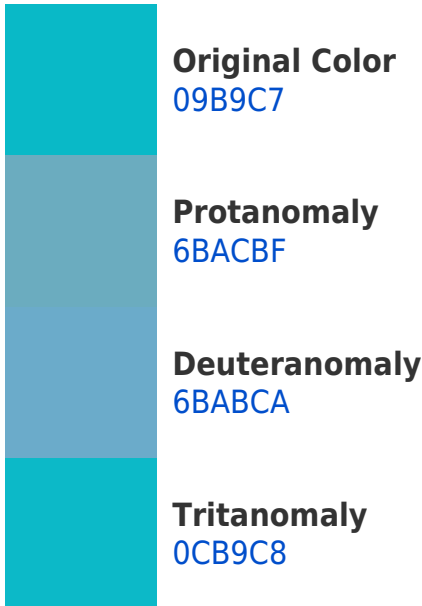
Dichromacy



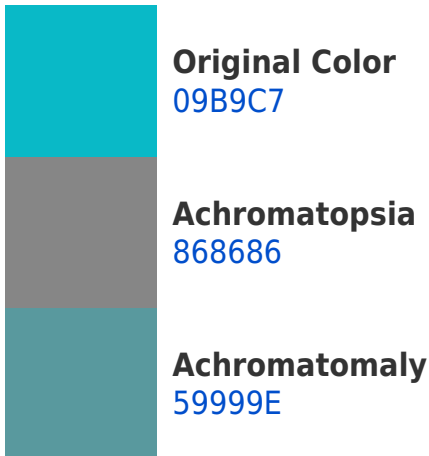


Tritanopia
0DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 09B9C7 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 #09B9C7 looks like.

```
.text, #text, p{  
    color:#09B9C7  
}
```

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 #09B9C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09B9C7
}
```

Border

The CSS property to change the border of an element to Hex 09B9C7 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
#09B9C7 }
```

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

```
.border{ border-color:#09B9C7 }
```

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

Here you see how a box with a 4 pixel #09B9C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09B9C7; -webkit-box-shadow:4px 4px  
4px 4px #09B9C7; box-shadow:4px 4px 4px  
4px #09B9C7 }
```

Background

The CSS property to change the background color of an element to Hex 09B9C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09B9C7 }
```

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

```
.background{ background-color:#09B9C7 }
```

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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