

Converting Colors

Hex(09B380)

Have a look what the booklet for
Hex(09B380) contains.

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Color

Hex(09B380)

Conversions

Conversions Part 1

Format	Color
Hex	09B380
RGB	9, 179, 128
RGB Percent	4%, 70%, 50%
CMY	0.9647, 0.2980, 0.4980
CMYK	0.95, 0.00, 0.28, 0.30
HSL	162°, 90%, 37%
HSV	162°, 95%, 70%
XYZ	20.1290, 33.8568, 25.8962
YIQ	122.3560, -84.9490, -51.9010

Conversions

Conversions Part 2

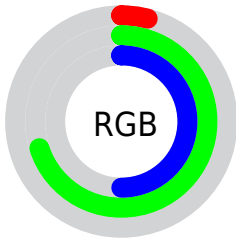
Format	Color
RYB	9, 109, 179
Decimal	635776
CIELab	64.85, -50.45, 15.48
CIELCh	65, 52.774, 162.943
Yxy	33.8568, 0.2520, 0.4238
Android (android.graphics.Color)	4278825856 (0xFF09B380)
YUV	122.3560, 2.7825, -99.4132
Hunter-Lab	58.1866, -40.0763, 14.3434

Details

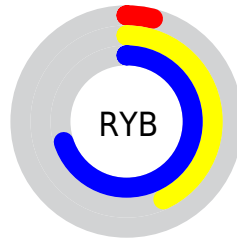
The Hex color **09B380** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B3093C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60ECB5**, and **007D4F** is the 20% darker color. If you saturate the color by 10%, you get **00B37D**, and if you desaturate by 10%, it is **1BB385**.

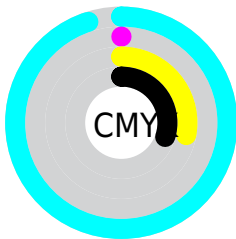
Distribution



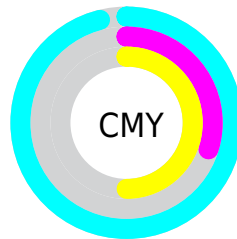
- Red (4%)
- Green (70%)
- Blue (50%)



- Red (4%)
- Yellow (43%)
- Blue (70%)



- Cyan (95%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)



- Cyan (96%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09B380 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 09B380 by changing the saturation by 10% instead.



09B380



09B380

FFFFFF



009867



60ECB5



007D4F



7FFFD1



006338



9EFFED



004A22



BCFFFF



00320C



DAFFFF



001A00



F8FFFF



000000



09B380



09B380



00B37D



1BB385

 2DB38B

 3FB390

 51B395

 62B39B

 74B3A0

 86B3A6

 98B3AB

 AAB3B0

Harmonies

Analogous

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



70AD55



09B380



00B5B1

Triad

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



09B380



709BF9



EB7F5F

Complementary

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



09B380



B3093C

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.



F5748B



09B380



BB89E3

Square

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



09B380



00AAF7



E678BA



CE9141

Rectangle

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



09B380



00B4CF



E678BA



F17A6D

Sweetspot

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



09B380



A7E8D5



3CB309



4D7569



F5F5F5



757575

Same Dimension

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



09B380



00E8A2



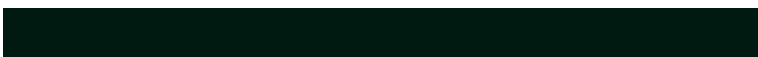
0991B3



505957



00996B



001A12

Inverse Universe

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



B3093C



E80046



B32B09



595053



99002E



1A0008

Previews

White Background



This preview shows how the Hex color 09B380 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 09B380 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 09B380 Background



This preview shows how black text looks on a background with the Hex color 09B380.

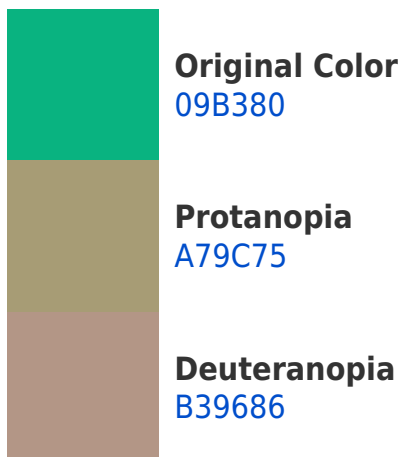


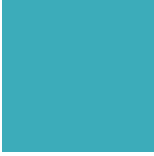
This preview shows how white text looks on a background with the Hex color 09B380.

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





Trichromacy



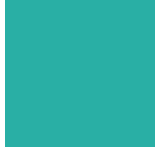
Original Color
09B380



Protanomaly
6EA479



Deuteranomaly
75A184



Tritanomaly
29AFA5

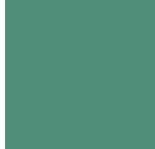
Monochromacy



Original Color
09B380



Achromatopsia
7A7A7A



Achromatomaly
518F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 09B380 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 #09B380 looks like.

```
.text, #text, p{  
    color:#09B380  
}
```

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 #09B380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09B380
}
```

Border

The CSS property to change the border of an element to Hex 09B380 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
#09B380 }
```

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

```
.border{ border-color:#09B380 }
```

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

Here you see how a box with a 4 pixel #09B380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09B380; -webkit-box-shadow:4px 4px  
4px 4px #09B380; box-shadow:4px 4px 4px  
4px #09B380 }
```

Background

The CSS property to change the background color of an element to Hex 09B380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09B380 }
```

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

```
.background{ background-color:#09B380 }
```

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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