

Converting Colors

Hex(09BF7B)

Have a look what the booklet for
Hex(09BF7B) contains.

Hex(09BF7B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(09BF7B)

Conversions

Conversions Part 1

Format	Color
Hex	09BF7B
RGB	9, 191, 123
RGB Percent	4%, 75%, 48%
CMY	0.9647, 0.2510, 0.5176
CMYK	0.95, 0.00, 0.36, 0.25
HSL	158°, 91%, 39%
HSV	158°, 95%, 75%
XYZ	22.3186, 38.7497, 25.0420
YIQ	128.8300, -86.6440, -59.7320

Conversions

Conversions Part 2

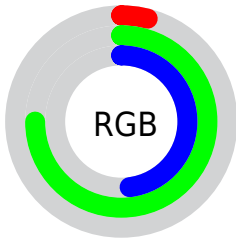
Format	Color
RYB	9, 121, 191
Decimal	638843
CIELab	68.57, -56.05, 23.27
CIELCh	69, 60.693, 157.452
Yxy	38.7497, 0.2592, 0.4500
Android (android.graphics.Color)	4278828923 (0xFF09BF7B)
YUV	128.8300, -2.8742, -105.0909
Hunter-Lab	62.2493, -44.9376, 19.7230

Details

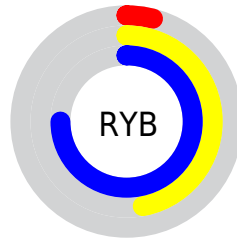
The Hex color **09BF7B** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **BF094D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **63F9B0**, and **00884A** is the 20% darker color. If you saturate the color by 10%, you get **00BF78**, and if you desaturate by 10%, it is **1CBF82**.

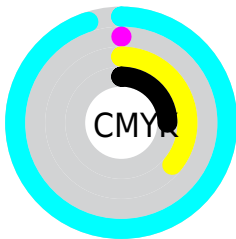
Distribution



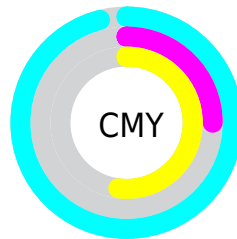
- Red (4%)
- Green (75%)
- Blue (48%)



- Red (4%)
- Yellow (47%)
- Blue (75%)



- Cyan (95%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)



- Cyan (96%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09BF7B 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 09BF7B by changing the saturation by 10% instead.

 09BF7B

 09BF7B

FFFFFF

 00A362

 63F9B0

 00884A

 83FFCB

 006E32

 A2FFE8

 00541C

 C0FFFF

 003B05

 DFFFFFF

 002400

FDFFFF

 000000

 09BF7B

 09BF7B

 00BF78

 1CBF82

 2FBF89

 42BF90

 55BF98

 69BF9F

 7CBFA6

 8FBFAD

 A2BFB4

 B5BFBB

Harmonies

Analogous

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



7EB74B



09BF7B



00C2B4

Triad

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



09BF7B



52A9FF



FF8067

Complementary

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



09BF7B



BF094D

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.



FF759C



09BF7B



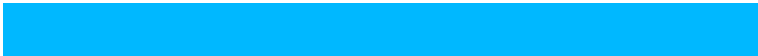
BC93FF

Square

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



09BF7B



00B8FF



F57DD2



E6953F

Rectangle

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



09BF7B



00C1D8



F57DD2



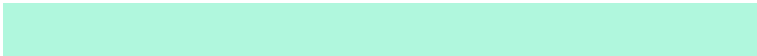
FF7B78

Sweetspot

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



09BF7B



B0F7DD



4FBF09



517D6D



FCFCFC



7D7D7D

Same Dimension

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



09BF7B



00F79B



09AABF



555E5B



009E63



001F13

Inverse Universe

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



BF094D



F7005C



BF1E09



5E5558



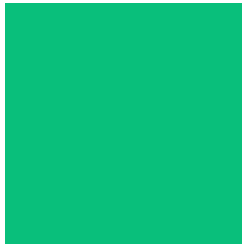
9E003B



1F000B

Previews

White Background



This preview shows how the Hex color 09BF7B looks on a white background.

Color Contrast Check

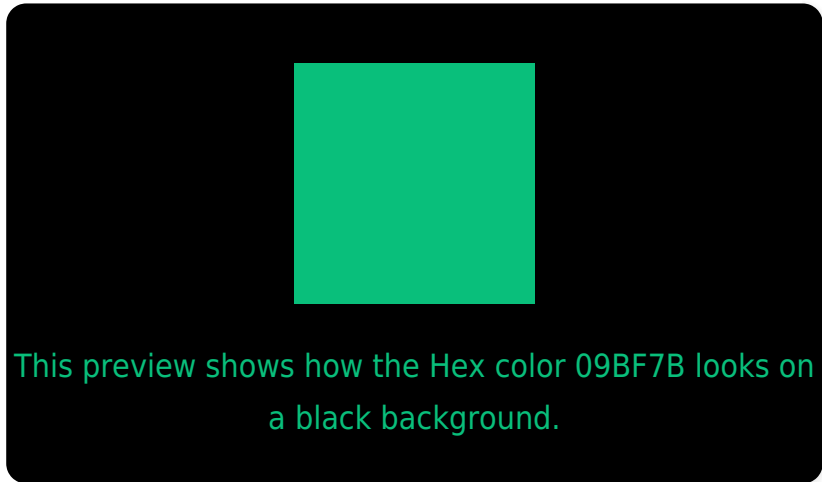
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

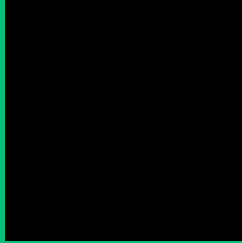
Any Text WCAG AA ✓ Pass

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 09BF7B Background



This preview shows how black text looks on a background with the Hex color 09BF7B.

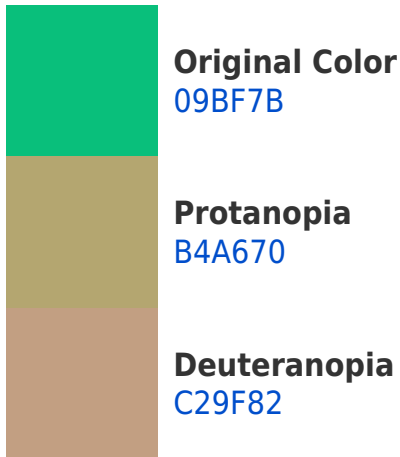


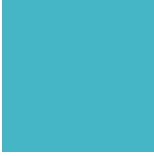
This preview shows how white text looks on a background with the Hex color 09BF7B.

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
44B6C5

Trichromacy



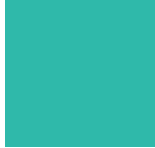
Original Color
09BF7B



Protanomaly
76AF74



Deuteranomaly
7FAB7F



Tritanomaly
2FB9AA

Monochromacy



Original Color
09BF7B



Achromatopsia
818181



Achromatomaly
55987F

CSS Examples

Text

The CSS property to change the color of the text to Hex 09BF7B 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 #09BF7B looks like.

```
.text, #text, p{  
    color:#09BF7B  
}
```

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 #09BF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09BF7B
}
```

Border

The CSS property to change the border of an element to Hex 09BF7B 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
#09BF7B }
```

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

```
.border{ border-color:#09BF7B }
```

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

Here you see how a box with a 4 pixel #09BF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09BF7B; -webkit-box-shadow:4px 4px  
4px 4px #09BF7B; box-shadow:4px 4px 4px  
4px #09BF7B }
```

Background

The CSS property to change the background color of an element to Hex 09BF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09BF7B }
```

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

```
.background{ background-color:#09BF7B }
```

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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