

Converting Colors

Hex(09BF94)

Have a look what the booklet for
Hex(09BF94) contains.

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Color

Hex(09BF94)

Conversions

Conversions Part 1

Format	Color
Hex	09BF94
RGB	9, 191, 148
RGB Percent	4%, 75%, 58%
CMY	0.9647, 0.2510, 0.4196
CMYK	0.95, 0.00, 0.23, 0.25
HSL	166°, 91%, 39%
HSV	166°, 95%, 75%
XYZ	24.0888, 39.4578, 34.3635
YIQ	131.6800, -94.6690, -51.9570

Conversions

Conversions Part 2

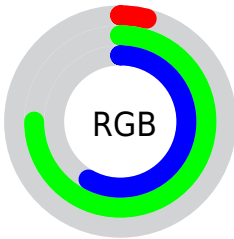
Format	Color
RYB	9, 112, 191
Decimal	638868
CIELab	69.08, -50.31, 10.52
CIELCh	69, 51.401, 168.185
Yxy	39.4578, 0.2460, 0.4030
Android (android.graphics.Color)	4278828948 (0xFF09BF94)
YUV	131.6800, 8.0458, -107.5904
Hunter-Lab	62.8154, -41.4750, 11.5359

Details

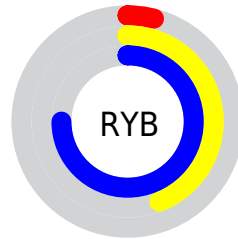
The Hex color **09BF94** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF0934**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **64F8CA**, and **008861** is the 20% darker color. If you saturate the color by 10%, you get **00BF92**, and if you desaturate by 10%, it is **1CBF99**.

Distribution



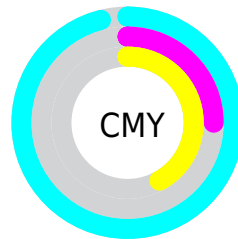
- Red (4%)
- Green (75%)
- Blue (58%)



- Red (4%)
- Yellow (44%)
- Blue (75%)



- Cyan (95%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)



- Cyan (96%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09BF94 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 09BF94 by changing the saturation by 10% instead.

 09BF94

 09BF94

FFFFFF

 00A37A

 64F8CA

 008861

 84FFE6

 006E4A

 A3FFFF

 005533

 C1FFFF

 003C1E

 E0FFFF

 002606

 000000

 09BF94

 09BF94

 00BF92

 1CBF99

 2FBF9D

 42BFA2

 55BFA6

 69BFAB

 7CBFAF

 8FBFB4

 A2BFB8

 B5BFBD

Harmonies

Analogous

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



73B968



09BF94



00C0C4

Triad

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



09BF94



8DA4FF



F38E65

Complementary

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



09BF94



BF0934

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.



FF828E



09BF94



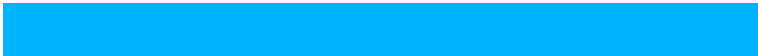
D091E7

Square

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



09BF94



00B3FF



F583BD



D4A04B

Rectangle

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



09BF94



00BEE1



F583BD



FA8971

Sweetspot

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



09BF94



B0F7E6



37BF09



517D73



FCFCFC



7D7D7D

Same Dimension

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



09BF94



00F7BD



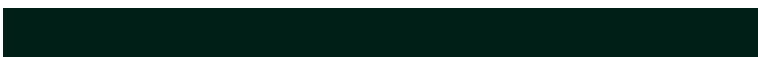
0992BF



555E5C



009E79



001F17

Inverse Universe

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



BF0934



F7003A



BF3709



5E5557



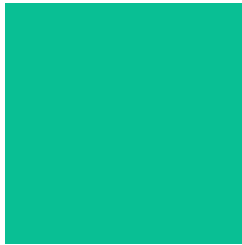
9E0025



1F0007

Previews

White Background



This preview shows how the Hex color 09BF94 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 09BF94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

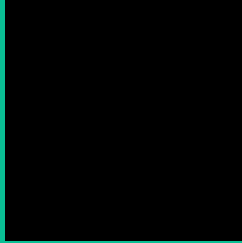
Any Text WCAG AA ✓ Pass

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 09BF94 Background



This preview shows how black text looks on a background with the Hex color 09BF94.

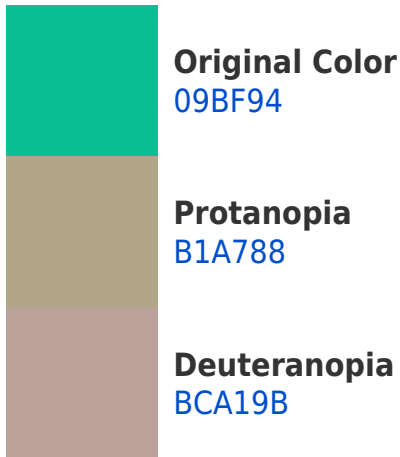


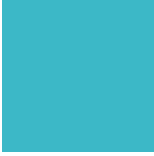
This preview shows how white text looks on a background with the Hex color 09BF94.

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
3CB8C7

Trichromacy



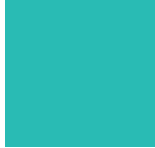
Original Color
09BF94



Protanomaly
74B08C

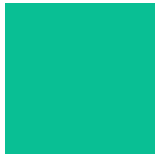


Deuteranomaly
7BAC98



Tritanomaly
29BBB4

Monochromacy



Original Color
09BF94



Achromatopsia
848484



Achromatomaly
57998A

CSS Examples

Text

The CSS property to change the color of the text to Hex 09BF94 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 #09BF94 looks like.

```
.text, #text, p{  
    color:#09BF94  
}
```

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 #09BF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09BF94
}
```

Border

The CSS property to change the border of an element to Hex 09BF94 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
#09BF94 }
```

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

```
.border{ border-color:#09BF94 }
```

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

Here you see how a box with a 4 pixel #09BF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09BF94; -webkit-box-shadow:4px 4px  
4px 4px #09BF94; box-shadow:4px 4px 4px  
4px #09BF94 }
```

Background

The CSS property to change the background color of an element to Hex 09BF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09BF94 }
```

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

```
.background{ background-color:#09BF94 }
```

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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