

Converting Colors

Hex(09B064)

Have a look what the booklet for
Hex(09B064) contains.

Hex(09B064)	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(09B064)

Conversions

Conversions Part 1

Format	Color
Hex	09B064
RGB	9, 176, 100
RGB Percent	4%, 69%, 39%
CMY	0.9647, 0.3098, 0.6078
CMYK	0.95, 0.00, 0.43, 0.31
HSL	153°, 90%, 36%
HSV	153°, 95%, 69%
XYZ	17.9382, 32.0288, 17.2933
YIQ	117.4030, -75.1360, -59.0400

Conversions

Conversions Part 2

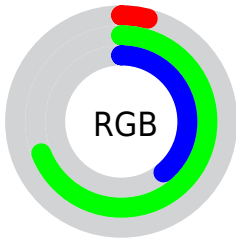
Format	Color
RYB	9, 117, 176
Decimal	634980
CIELab	63.37, -55.29, 28.53
CIELCh	63, 62.221, 152.709
Yxy	32.0288, 0.2667, 0.4762
Android (android.graphics.Color)	4278825060 (0xFF09B064)
YUV	117.4030, -8.5797, -95.0694
Hunter-Lab	56.5940, -42.4616, 21.4987

Details

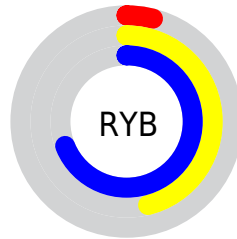
The Hex color **09B064** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B00955**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5FE998**, and **007A34** is the 20% darker color. If you saturate the color by 10%, you get **00B060**, and if you desaturate by 10%, it is **1BB06C**.

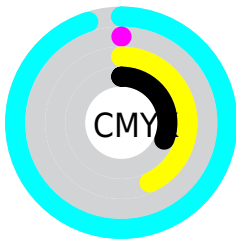
Distribution



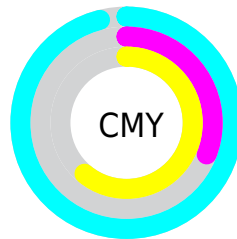
- Red (4%)
- Green (69%)
- Blue (39%)



- Red (4%)
- Yellow (46%)
- Blue (69%)



- Cyan (95%)
- Magenta (0%)
- Yellow (43%)
- Black (31%)



- Cyan (96%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09B064 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 09B064 by changing the saturation by 10% instead.

 09B064

 09B064

FFFFFF

 00954B

 5FE998

 007A34

 7EFFB3

 00601D

 9CFFCE

 004704

 BAF FEB

 003000

 D8FFFF

 001400

 F7FFFF

 000000

 09B064

 09B064

 00B060

 1BB06C

 2CB074

 3EB07C

 4FB084

 61B08C

 73B094

 84B09C

 96B0A4

 A7B0AC

Harmonies

Analogous

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



79A734



09B064



00B49D

Triad

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



09B064



009EFF



F96E61

Complementary

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



09B064



B00955

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.



FC6497



09B064



A189F7

Square

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



09B064



00ACFB



E071CD



DD8334

Rectangle

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



09B064



00B4C3



E071CD



FD6872

Sweetspot

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



09B064



A5E6C8



57B009



4C7361



F2F2F2



737373

Same Dimension

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



09B064



00E67D



09AAB0



505955



009953



001A0E

Inverse Universe

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



B00955



E60068



B00F09



595054



990046



1A000C

Previews

White Background



This preview shows how the Hex color 09B064 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 09B064 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 09B064 Background



This preview shows how black text looks on a background with the Hex color 09B064.

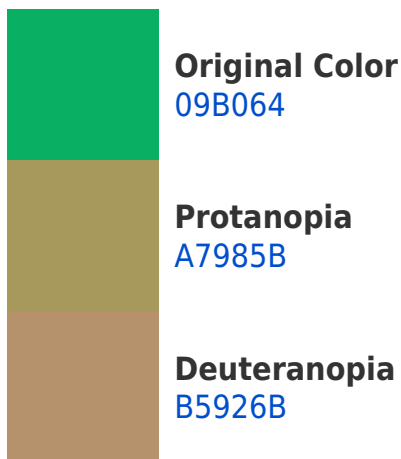


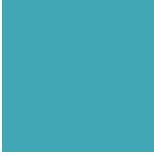
This preview shows how white text looks on a background with the Hex color 09B064.

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
41A7B4

Trichromacy



Original Color
09B064



Protanomaly
6EA15E



Deuteranomaly
769D68



Tritanomaly
2DAA97

Monochromacy



Original Color
09B064



Achromatopsia
757575



Achromatomaly
4E8A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 09B064 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 #09B064 looks like.

```
.text, #text, p{  
    color:#09B064  
}
```

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 #09B064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09B064
}
```

Border

The CSS property to change the border of an element to Hex 09B064 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
#09B064 }
```

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

```
.border{ border-color:#09B064 }
```

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

Here you see how a box with a 4 pixel #09B064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09B064; -webkit-box-shadow:4px 4px  
4px 4px #09B064; box-shadow:4px 4px 4px  
4px #09B064 }
```

Background

The CSS property to change the background color of an element to Hex 09B064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09B064 }
```

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

```
.background{ background-color:#09B064 }
```

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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