

# Converting Colors

Hex(0F9B6A)

Have a look what the booklet for  
Hex(0F9B6A) contains.

<b>Hex(0F9B6A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F9B6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F9B6A
RGB	15, 155, 106
RGB Percent	6%, 61%, 42%
CMY	0.9412, 0.3922, 0.5843
CMYK	0.90, 0.00, 0.32, 0.39
HSL	159°, 82%, 33%
HSV	159°, 90%, 61%
XYZ	14.5199, 24.5849, 17.6157
YIQ	107.5540, -67.7110, -44.9190

# Conversions

## Conversions Part 2

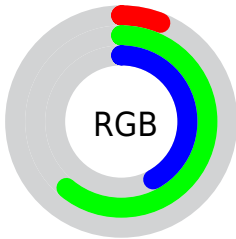
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 100, 155
Decimal	1022826
CIE <sub>Lab</sub>	56.67, -45.94, 16.31
CIE <sub>LCh</sub>	57, 48.750, 160.452
Y <sub>xy</sub>	24.5849, 0.2560, 0.4334
Android (android.graphics.Color)	4279212906 (0xFF0F9B6A)
YUV	107.5540, -0.7661, -81.1699
Hunter-Lab	49.5831, -34.4987, 13.6438

# Details

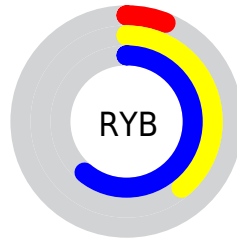
The Hex color **0F9B6A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9B0F40**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5BD29D**, and **00663A** is the 20% darker color. If you saturate the color by 10%, you get **009B65**, and if you desaturate by 10%, it is **1F9B6F**.

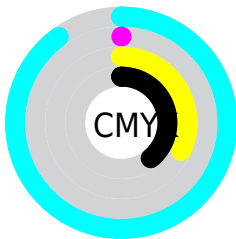
# Distribution



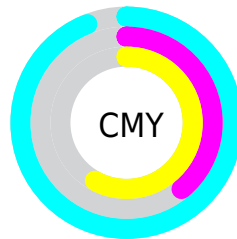
- Red (6%)
- Green (61%)
- Blue (42%)



- Red (6%)
- Yellow (39%)
- Blue (61%)



- Cyan (90%)
- Magenta (0%)
- Yellow (32%)
- Black (39%)



- Cyan (94%)
- Magenta (39%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F9B6A 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 0F9B6A by changing the saturation by 10% instead.





0F9B6A



0F9B6A

FFFFFF



008052



5BD29D



00663A



79EFB8



004D24



96FFD4



003510



B3FFF1



001F00



D0FFFF



000000



EEFFFF



0F9B6A



0F9B6A



009B65



1F9B6F

 2E9B75

 3E9B7A

 4D9B80

 5D9B85

 6C9B8B

 7C9B90

 8B9B95

 9B9B9B

# Harmonies

## Analogous

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



639544



0F9B6A



009D96

# Triad

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



0F9B6A



5688DB



CF6C53

# Complementary

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



0F9B6A



9B0F40

# 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.



D6627B



0F9B6A



9E77C9

# Square

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



0F9B6A



0094D8



C767A5



B67C36

# Rectangle

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



0F9B6A



009CB2



C767A5



D4675F



# Sweetspot

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



0F9B6A



93C9B6



409B0F



45665B



E6E6E6



666666



# Same Dimension

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



0F9B6A



00C983



0F869B



454D4A



008C5B



000D08



# Inverse Universe

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



9B0F40



C90047



9B240F



4D4548



8C0031



0D0004



# Previews

## White Background



This preview shows how the Hex color 0F9B6A looks on a white background.

## Color Contrast Check

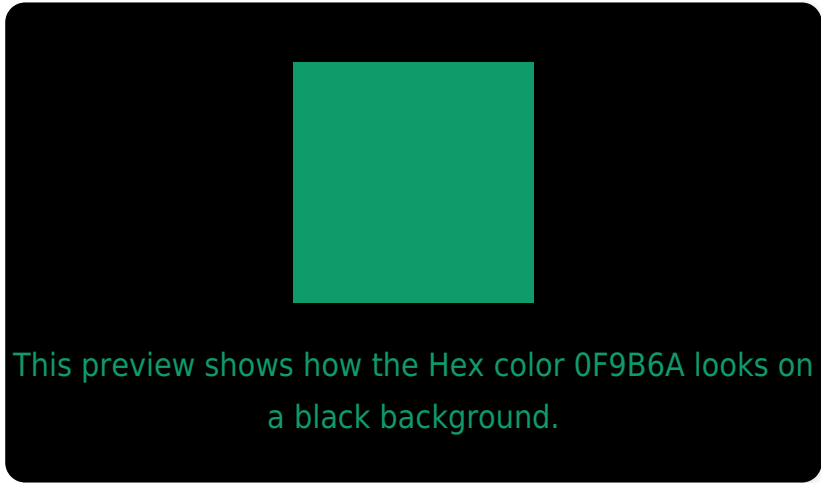
Large Text (above 18pt) WCAG AA ✓ Pass

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

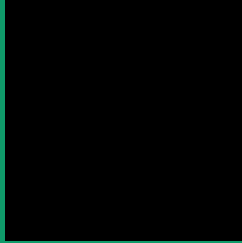
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F9B6A Background



This preview shows how black text looks on a background with the Hex color 0F9B6A.

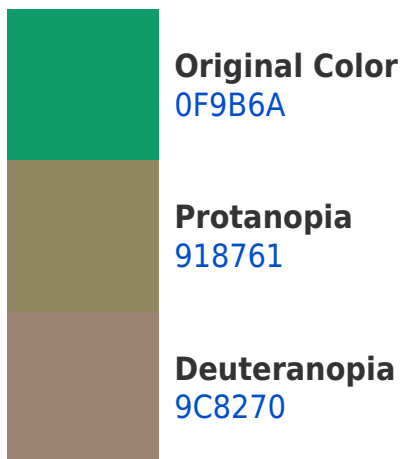


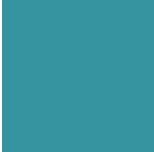
This preview shows how white text looks on a background with the Hex color 0F9B6A.

# 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**  
3694A0

# Trichromacy



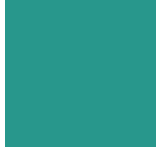
**Original Color**  
0F9B6A



**Protanomaly**  
628E64



**Deuteranomaly**  
698B6E



**Tritanomaly**  
28978C

# Monochromacy



**Original Color**  
0F9B6A



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
4A7D6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F9B6A 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 #0F9B6A looks like.

```
.text, #text, p{  
    color:#0F9B6A  
}
```

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 #0F9B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F9B6A
}
```

## Border

The CSS property to change the border of an element to Hex 0F9B6A 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
#0F9B6A }
```

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

```
.border{ border-color:#0F9B6A }
```

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

Here you see how a box with a 4 pixel #0F9B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F9B6A; -webkit-box-shadow:4px 4px  
4px 4px #0F9B6A; box-shadow:4px 4px 4px  
4px #0F9B6A }
```

# Background

The CSS property to change the background color of an element to Hex 0F9B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F9B6A }
```

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

```
.background{ background-color:#0F9B6A }
```

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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