

# Converting Colors

Hex(9F9A64)

Have a look what the booklet for  
Hex(9F9A64) contains.

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# **Color**

**Hex(9F9A64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F9A64
RGB	159, 154, 100
RGB Percent	62%, 60%, 39%
CMY	0.3765, 0.3961, 0.6078
CMYK	0.00, 0.03, 0.37, 0.38
HSL	55°, 24%, 51%
HSV	55°, 37%, 62%
XYZ	28.1539, 31.4022, 16.6340
YIQ	149.3390, 20.3140, -15.7340

# Conversions

## Conversions Part 2

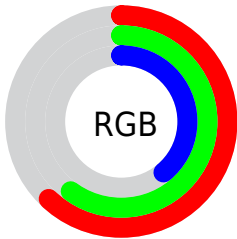
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 159, 100</a>
Decimal	<a href="#">10459748</a>
CIELab	<a href="#">62.85, -6.55, 29.03</a>
CIELCh	<a href="#">63, 29.755, 102.719</a>
Yxy	<a href="#">31.4022, 0.3695, 0.4122</a>
Android (android.graphics.Color)	<a href="#">4288649828 (0xFF9F9A64)</a>
YUV	<a href="#">149.3390, -24.3241, 8.4727</a>
Hunter-Lab	<a href="#">56.0377, -8.3857, 21.6270</a>

# Details

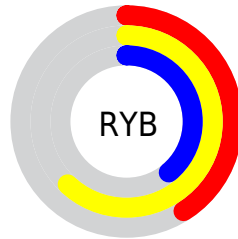
The Hex color **9F9A64** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **64699F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D7D098**, and **6A6734** is the 20% darker color. If you saturate the color by 10%, you get **9F9954**, and if you desaturate by 10%, it is **9F9B74**.

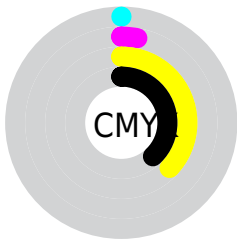
# Distribution



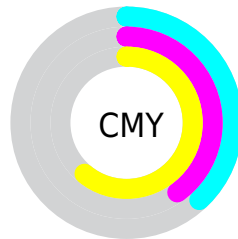
- Red (62%)
- Green (60%)
- Blue (39%)



- Red (41%)
- Yellow (62%)
- Blue (39%)



- Cyan (0%)
- Magenta (3%)
- Yellow (37%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9A64 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 9F9A64 by changing the saturation by 10% instead.





9F9A64



9F9A64

FFFFFF



84804C



D7D098



6A6734



F3EDB2



514F1D



FFFFCE



393806



FFFFEA



232300



000E00



000000



9F9A64



9F9A64



9F9954



9F9B74

 9F9744

 9F9D84

 9F9634

 9F9E94

 9F9524

 9F9FA4

 9F9314

 9FA1B3

 9F9205

 9FA2C3

 9F9200

 9FA3D3

 9FA5E3

 9FA6F3

# Harmonies

## Analogous

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



B89166



9F9A64



82A170

# Triad

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



9F9A64



40A4BB



C286A8

# Complementary

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



9F9A64



64699F

# 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.



AA8DBF



9F9A64



5D9FCA

# Square

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



9F9A64



46A7A3



8697CB



CC848E

# Rectangle

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



9F9A64



6DA47F



8697CB



BC88B1



# Sweetspot

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



9F9A64



CFCDB8



9F646A



69675B



E8E8E8



696969



# Same Dimension

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



9F9A64



CFC772



879F64



4F4E47



8F8300



0F0E00



# Inverse Universe

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



64699F



7279CF



7C649F



47484F



000C8F



00010F



# Previews

## White Background



This preview shows how the Hex color 9F9A64 looks on a white background.

## Color Contrast Check

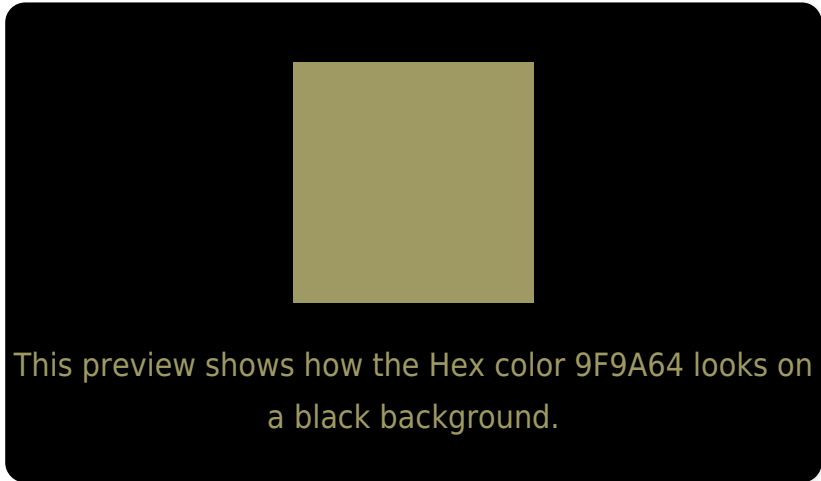
Large Text (above 18pt) WCAG AA × Fail

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

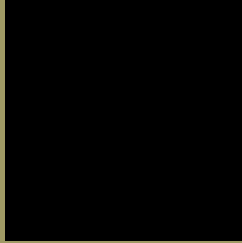
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

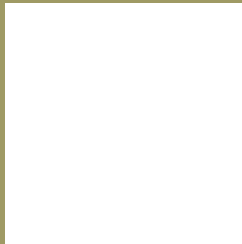
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F9A64 Background



This preview shows how black text looks on a background with the Hex color 9F9A64.



This preview shows how white text looks on a background with the Hex color 9F9A64.

# 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



**Original Color**  
9F9A64

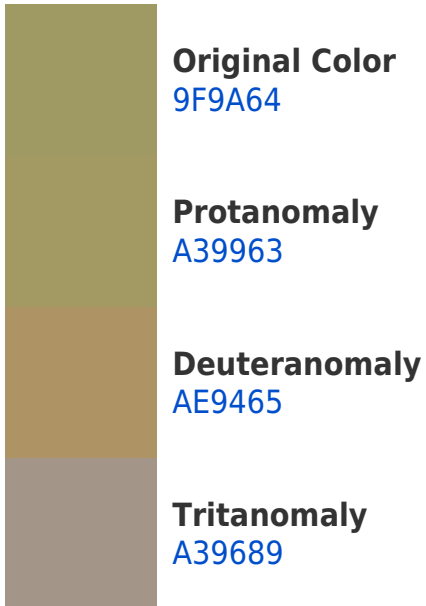
**Protanopia**  
A59863

**Deuteranopia**  
B69166

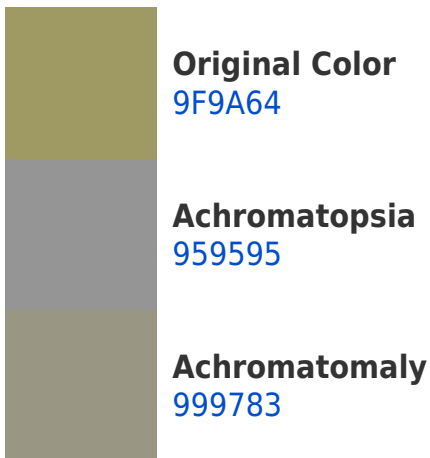


**Tritanopia**  
A6939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9A64 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 #9F9A64 looks like.

```
.text, #text, p{  
    color:#9F9A64  
}
```

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 #9F9A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9A64
}
```

## Border

The CSS property to change the border of an element to Hex 9F9A64 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
#9F9A64 }
```

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

```
.border{ border-color:#9F9A64 }
```

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

Here you see how a box with a 4 pixel #9F9A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9A64; -webkit-box-shadow:4px 4px  
4px 4px #9F9A64; box-shadow:4px 4px 4px  
4px #9F9A64 }
```

# Background

The CSS property to change the background color of an element to Hex 9F9A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9A64 }
```

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

```
.background{ background-color:#9F9A64 }
```

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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