

# Converting Colors

Hex(9C8F76)

Have a look what the booklet for  
Hex(9C8F76) contains.

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**Color**

**Hex(9C8F76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C8F76
RGB	156, 143, 118
RGB Percent	61%, 56%, 46%
CMY	0.3882, 0.4392, 0.5373
CMYK	0.00, 0.08, 0.24, 0.39
HSL	39°, 16%, 54%
HSV	39°, 24%, 61%
XYZ	26.8028, 28.0208, 21.1354
YIQ	144.0370, 15.7730, -5.0190

# Conversions

## Conversions Part 2

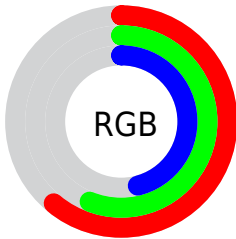
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 156, 118
Decimal	10260342
CIELab	59.91, 0.69, 15.07
CIELCh	60, 15.090, 87.364
Yxy	28.0208, 0.3529, 0.3689
Android (android.graphics.Color)	4288450422 (0xFF9C8F76)
YUV	144.0370, -12.8362, 10.4916
Hunter-Lab	52.9347, -2.2547, 13.3814

# Details

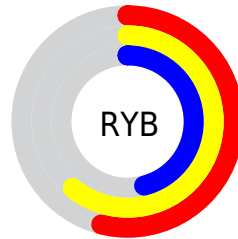
The Hex color **9C8F76** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **76839C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D3C5AA**, and **685D46** is the 20% darker color. If you saturate the color by 10%, you get **9C8A66**, and if you desaturate by 10%, it is **9C9486**.

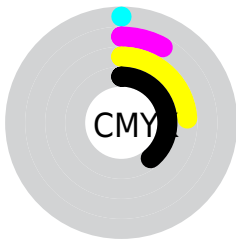
# Distribution



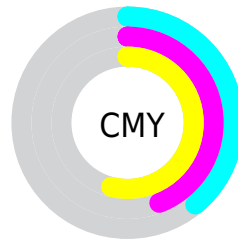
- Red (61%)
- Green (56%)
- Blue (46%)



- Red (54%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8F76 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 9C8F76 by changing the saturation by 10% instead.





9C8F76



9C8F76

FFFFFF



82755D



D3C5AA



685D46



EFE1C6



50452F



FFFDE2



382F1A

FFFFFFE



231A00



010000



000000



9C8F76



9C8F76



9C8A66



9C9486

■ 9C8457

■ 9C9A95

■ 9C7F47

■ 9C9FA5

■ 9C7A38

■ 9CA4B4

■ 9C7428

■ 9CAAC4

■ 9C6F18

■ 9CAFD4

■ 9C6A09

■ 9CB4E3

■ 9C6700

■ 9CBAF3

■ 9CBFFF

# Harmonies

## Analogous

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



A78B7A



9C8F76



8E9379

# Triad

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



9C8F76



6D989C



A1899F

# Complementary

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



9C8F76



76839C

# 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.



918DA8



9C8F76



7296A6

# Square

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



9C8F76



72988F



8092AB



AA8792

# Rectangle

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



9C8F76



83967E



8092AB



9C8BA2



# Sweetspot

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



9C8F76



CCC7BE



9C7683



66635E



E6E6E6



666666



# Same Dimension

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



9C8F76



CCB891



969C76



4F4C47



8F5E00



0F0A00



# Inverse Universe

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



76839C



91A5CC



7C769C



474A4F



00318F



00050F



# Previews

## White Background



This preview shows how the Hex color 9C8F76 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

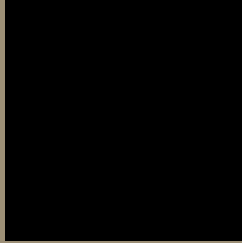
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

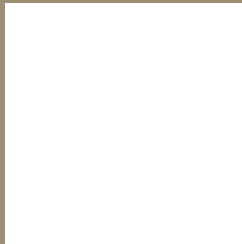
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9C8F76 Background



This preview shows how black text looks on a background with the Hex color 9C8F76.



This preview shows how white text looks on a background with the Hex color 9C8F76.

# 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**  
9C8F76

**Protanopia**  
999077

**Deuteranopia**  
A78B77



**Tritanopia**  
A08B95

# Trichromacy



**Original Color**  
9C8F76

**Protanomaly**  
9A9077

**Deuteranomaly**  
A38C77

**Tritanomaly**  
9F8C8A

# Monochromacy



**Original Color**  
9C8F76

**Achromatopsia**  
909090

**Achromatomaly**  
949087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8F76 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 #9C8F76 looks like.

```
.text, #text, p{  
    color:#9C8F76  
}
```

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 #9C8F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8F76
}
```

## Border

The CSS property to change the border of an element to Hex 9C8F76 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
#9C8F76 }
```

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

```
.border{ border-color:#9C8F76 }
```

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

Here you see how a box with a 4 pixel #9C8F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8F76; -webkit-box-shadow:4px 4px  
4px 4px #9C8F76; box-shadow:4px 4px 4px  
4px #9C8F76 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8F76 }
```

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

```
.background{ background-color:#9C8F76 }
```

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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