

# Converting Colors

Hex(9C8B3F)

Have a look what the booklet for  
Hex(9C8B3F) contains.

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**Color**

**Hex(9C8B3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C8B3F
RGB	156, 139, 63
RGB Percent	61%, 55%, 25%
CMY	0.3882, 0.4549, 0.7529
CMYK	0.00, 0.11, 0.60, 0.39
HSL	49°, 42%, 43%
HSV	49°, 60%, 61%
XYZ	23.8401, 25.8920, 8.4438
YIQ	135.4190, 34.5280, -20.0320

# Conversions

## Conversions Part 2

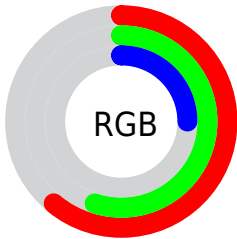
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 156, 63
Decimal	10259263
CIELab	57.93, -3.36, 42.18
CIELCh	58, 42.318, 94.550
Yxy	25.8920, 0.4098, 0.4451
Android (android.graphics.Color)	4288449343 (0xFF9C8B3F)
YUV	135.4190, -35.7026, 18.0495
Hunter-Lab	50.8842, -5.4171, 25.7803

# Details

The Hex color **9C8B3F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3F509C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D5C071**, and **66590B** is the 20% darker color. If you saturate the color by 10%, you get **9C882F**, and if you desaturate by 10%, it is **9C8E4F**.

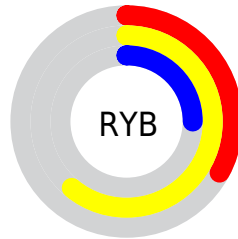
# Distribution



Red (61%)

Green (55%)

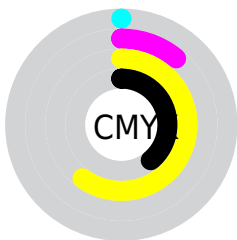
Blue (25%)



Red (33%)

Yellow (61%)

Blue (25%)

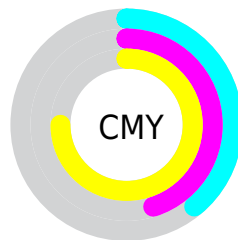


Cyan (0%)

Magenta (11%)

Yellow (60%)

Black (39%)



Cyan (39%)

Magenta (45%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8B3F 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 9C8B3F by changing the saturation by 10% instead.



 9C8B3F

 9C8B3F

FFFFFF

 817226

 D5C071

 66590B

 F2DC8C

 4C4200

 FFF9A6

 332C00

 FFFFC2

 1B1800

 FFFFDE

 000000

 FFFFFB

 9C8B3F

 9C8B3F

 9C882F

 9C8E4F

 9C8520

 9C915E

 9C8210

 9C946E

 9C8001

 9C967D

 9C7F00

 9C998D

 9C9C9D

 9C9FAC

 9CA2BC

 9CA5CB

# Harmonies

## Analogous

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



BB7E48



9C8B3F



75954C

# Triad

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



9C8B3F



009DB4



BE72AC

# Complementary

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



9C8B3F



3F509C

# 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.



967FC8



9C8B3F



0097CD

# Square

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



9C8B3F



009E90



568DD5



D06C87

# Rectangle

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



9C8B3F



569A5F



568DD5



B376B7



# Sweetspot

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



9C8B3F



CCC5A7



9C3F50



666250



E6E6E6



666666



# Same Dimension

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



9C8B3F



CCB139



7F9C3F



4F4E47



8F7500



0F0D00



# Inverse Universe

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



3F509C



3954CC



5C3F9C



47494F



001A8F



00030F



# Previews

## White Background



This preview shows how the Hex color 9C8B3F looks on a white background.

## Color Contrast Check

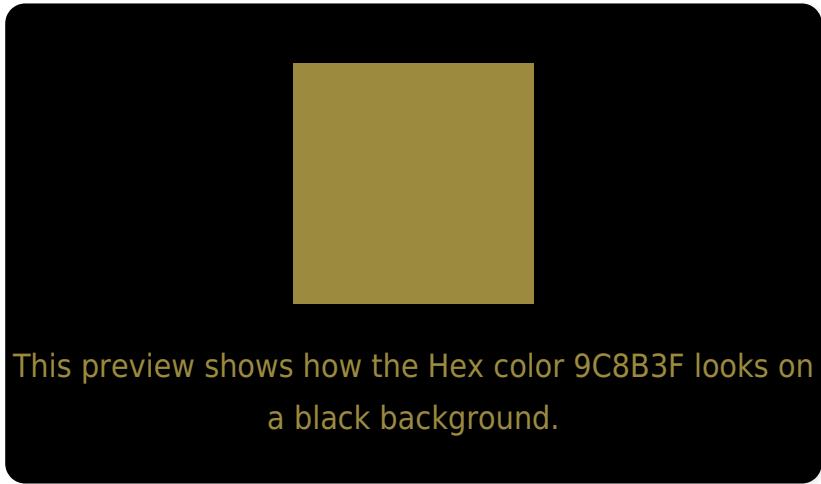
Large Text (above 18pt) WCAG AA ✓ Pass

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

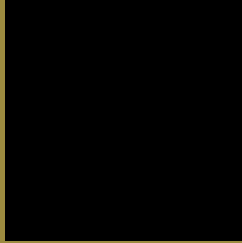
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C8B3F Background



This preview shows how black text looks on a background with the Hex color 9C8B3F.



This preview shows how white text looks on a background with the Hex color 9C8B3F.

# 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**  
9C8B3F

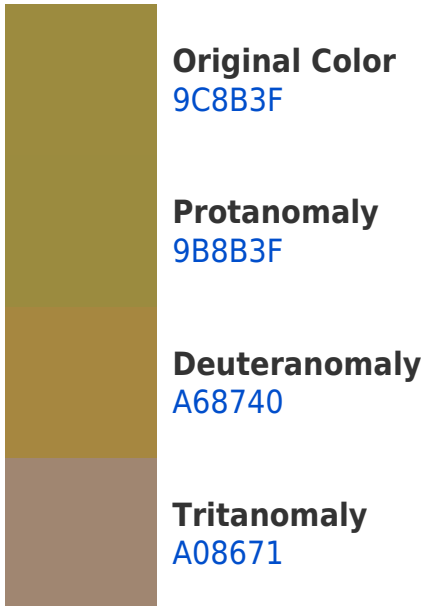
**Protanopia**  
9B8B3F

**Deuteranopia**  
AC8541

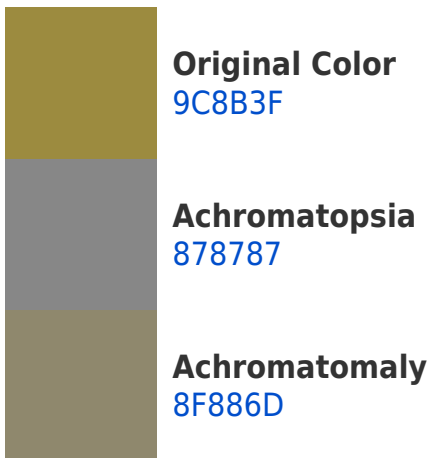


**Tritanopia**  
A3838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8B3F 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 #9C8B3F looks like.

```
.text, #text, p{  
    color:#9C8B3F  
}
```

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 #9C8B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8B3F
}
```

## Border

The CSS property to change the border of an element to Hex 9C8B3F 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
#9C8B3F }
```

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

```
.border{ border-color:#9C8B3F }
```

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

Here you see how a box with a 4 pixel #9C8B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8B3F; -webkit-box-shadow:4px 4px  
4px 4px #9C8B3F; box-shadow:4px 4px 4px  
4px #9C8B3F }
```

# Background

The CSS property to change the background color of an element to Hex 9C8B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8B3F }
```

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

```
.background{ background-color:#9C8B3F }
```

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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