

# Converting Colors

Hex(9C9C8F)

Have a look what the booklet for  
Hex(9C9C8F) contains.

<b>Hex(9C9C8F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9C9C8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C9C8F
RGB	156, 156, 143
RGB Percent	61%, 61%, 56%
CMY	0.3882, 0.3882, 0.4392
CMYK	0.00, 0.00, 0.08, 0.39
HSL	60°, 6%, 59%
HSV	60°, 8%, 61%
XYZ	30.5567, 32.8280, 30.7125
YIQ	154.5180, 4.1730, -4.0430

# Conversions

## Conversions Part 2

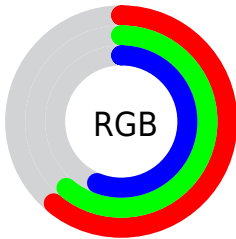
Format	Color
<a href="#">RYB</a>	<a href="#">143, 156, 143</a>
Decimal	<a href="#">10263695</a>
CIELab	<a href="#">64.02, -2.39, 6.80</a>
CIELCh	<a href="#">64, 7.213, 109.390</a>
Yxy	<a href="#">32.8280, 0.3247, 0.3489</a>
Android (android.graphics.Color)	<a href="#">4288453775</a> ( <a href="#">0xFF9C9C8F</a> )
YUV	<a href="#">154.5180, -5.6784, 1.2997</a>
Hunter-Lab	<a href="#">57.2957, -5.0708, 8.3255</a>

# Details

The Hex color **9C9C8F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F8F9C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D3D2C5**, and **69695D** is the 20% darker color. If you saturate the color by 10%, you get **9C9C7F**, and if you desaturate by 10%, it is **9C9C9F**.

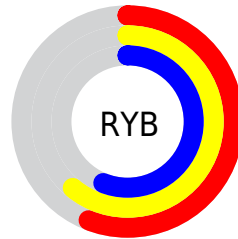
# Distribution



Red (61%)

Green (61%)

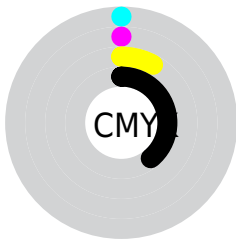
Blue (56%)



Red (56%)

Yellow (61%)

Blue (56%)

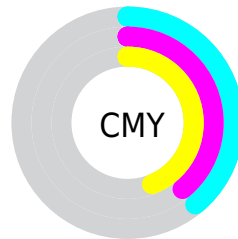


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C9C8F 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 9C9C8F by changing the saturation by 10% instead.





9C9C8F



9C9C8F

FFFFFF



828275



D3D2C5



69695D



EFEFE1



515145

FFFFFFD



3A3A2F



24241A



0F0F00



000000



9C9C8F



9C9C8F



9C9C7F



9C9C9F

 9C9C70

 9C9CAE

 9C9C60

 9C9CBE

 9C9C51

 9C9CCD

 9C9C41

 9C9CDD

 9C9C31

 9C9CED

 9C9C22

 9C9CFC

 9C9C12

 9C9CFF

 9C9C03

# Harmonies

## Analogous

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



A39A8F



9C9C8F



959E93

# Triad

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



9C9C8F



8D9EA5



A7979E

# Complementary

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



9C9C8F



8F8F9C

# 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.



A198A4



9C9C8F



929CA8

# Square

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



9C9C8F



8B9F9F



9A9AA7



A99797

# Rectangle

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



9C9C8F



909F96



9A9AA7



A697A0



# Sweetspot

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



9C9C8F



CCCCCC6



9C8F8F



666662



E6E6E6



666666



# Same Dimension

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



9C9C8F



CCCCB8



969C8F



4F4F47



8F8F00



0F0F00



# Inverse Universe

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



8F8F9C



B8B8CC



968F9C



47474F



00008F



00000F



# Previews

## White Background



This preview shows how the Hex color 9C9C8F looks on a white background.

## Color Contrast Check

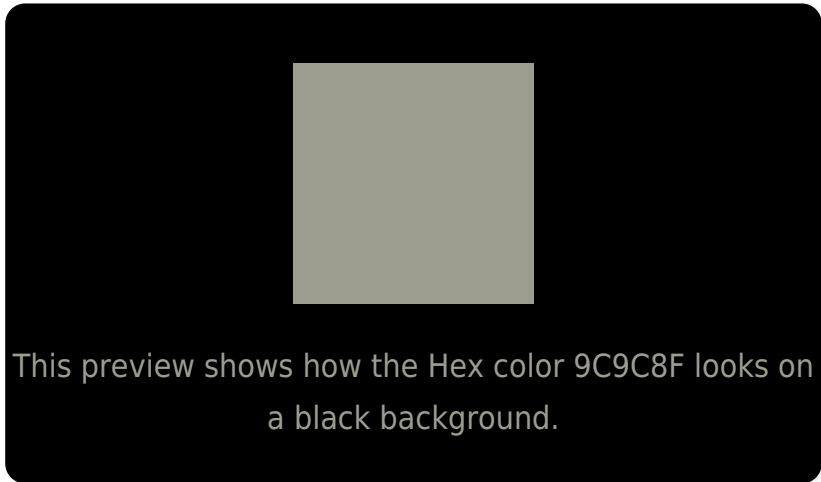
Large Text (above 18pt) WCAG AA × Fail

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

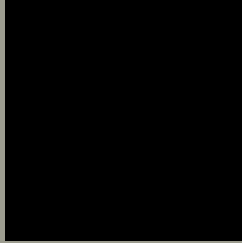
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

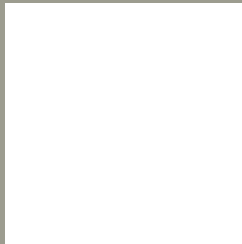
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9C9C8F Background



This preview shows how black text looks on a background with the Hex color 9C9C8F.

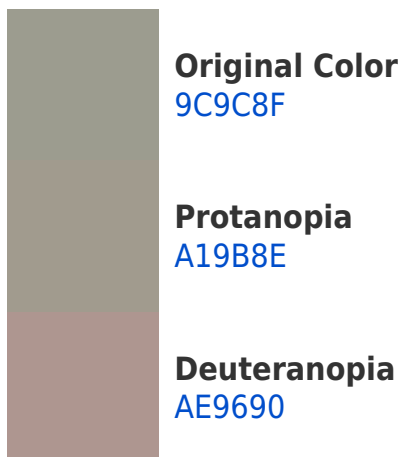


This preview shows how white text looks on a background with the Hex color 9C9C8F.

# 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**  
9F99A5

# Trichromacy



**Original Color**  
9C9C8F

**Protanomaly**  
9F9B8E

**Deuteranomaly**  
A79890

**Tritanomaly**  
9E9A9D

# Monochromacy



**Original Color**  
9C9C8F

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
9B9B97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C9C8F 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 #9C9C8F looks like.

```
.text, #text, p{  
    color:#9C9C8F  
}
```

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 #9C9C8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9C8F
}
```

## Border

The CSS property to change the border of an element to Hex 9C9C8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

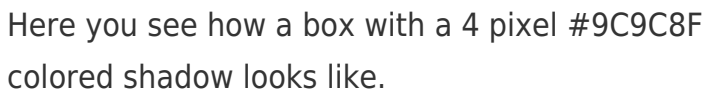
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C9C8F }
```

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

```
.border{ border-color:#9C9C8F }
```

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



Here you see how a box with a 4 pixel #9C9C8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9C8F; -webkit-box-shadow:4px 4px  
4px 4px #9C9C8F; box-shadow:4px 4px 4px  
4px #9C9C8F }
```

# Background

The CSS property to change the background color of an element to Hex 9C9C8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9C8F }
```

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

```
.background{ background-color:#9C9C8F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor