

# Converting Colors

Hex(9B8F9B)

Have a look what the booklet for  
Hex(9B8F9B) contains.

<b>Hex(9B8F9B)</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(9B8F9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B8F9B
RGB	155, 143, 155
RGB Percent	61%, 56%, 61%
CMY	0.3922, 0.4392, 0.3922
CMYK	0.00, 0.08, 0.00, 0.39
HSL	300°, 6%, 58%
HSV	300°, 8%, 61%
XYZ	29.2564, 28.9800, 35.0621
YIQ	147.9560, 3.3000, 6.2760

# Conversions

## Conversions Part 2

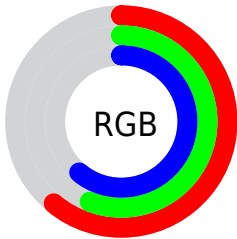
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 143, 155
Decimal	10194843
CIE Lab	60.76, 6.72, -4.73
CIE LCh	61, 8.217, 324.830
Yxy	28.9800, 0.3136, 0.3106
Android (android.graphics.Color)	4288384923 (0xFF9B8F9B)
YUV	147.9560, 3.4727, 6.1776
Hunter-Lab	53.8331, 2.8006, -0.9330

# Details

The Hex color **9B8F9B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F9B8F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D1C5D1**, and **685D68** is the 20% darker color. If you saturate the color by 10%, you get **9B809B**, and if you desaturate by 10%, it is **9B9F9B**.

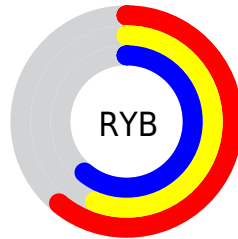
# Distribution



Red (61%)

Green (56%)

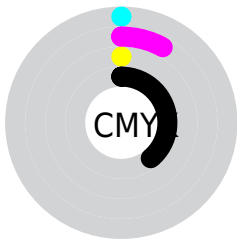
Blue (61%)



Red (61%)

Yellow (56%)

Blue (61%)

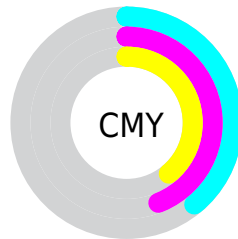


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8F9B 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 9B8F9B by changing the saturation by 10% instead.





9B8F9B



9B8F9B

FFFFFF



817581



D1C5D1



685D68



EEE1EE



504550



FFFDFF



392F39



231A23



0E000E



000000



9B8F9B



9B8F9B



9B809B



9B9F9B

 9B709B

 9BAE9B

 9B619B

 9BBE9B

 9B519B

 9BCD9B

 9B429B

 9BDC9B

 9B329B

 9BEC9B

 9B239B

 9BFB9B

 9B139B

 9BFF9B

 9B049B

# Harmonies

## Analogous

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



9391A0



9B8F9B



A18E94

# Triad

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



9B8F9B



9A9284



819798

# Complementary

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



9B8F9B



8F9B8F

# 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.



839791



9B8F9B



929485

# Square

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



9B8F9B



A08F87



8A968A



83969E

# Rectangle

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



9B8F9B



A28E8F



8A968A



819796



# Sweetspot

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



9B8F9B



C9C5C9



8F8F9B



666466



E6E6E6



666666



# Same Dimension

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



9B8F9B



C9B7C9



9B8F95



4D454D



8C008C



0D000D



# Inverse Universe

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



9B8F9B



C9B7C9



8F9B95



4D454D



8C008C

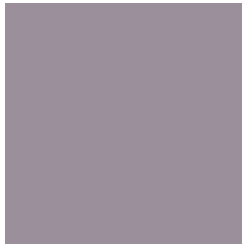


0D000D



# Previews

## White Background



This preview shows how the Hex color 9B8F9B looks on a white background.

## Color Contrast Check

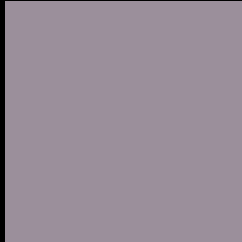
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9B8F9B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

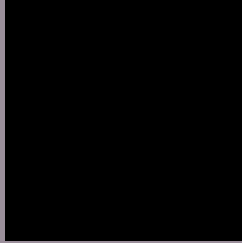
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B8F9B Background



This preview shows how black text looks on a background with the Hex color 9B8F9B.

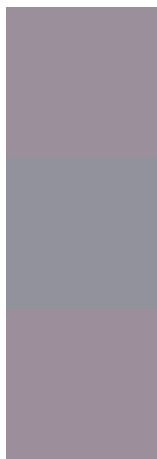


This preview shows how white text looks on a background with the Hex color 9B8F9B.

# 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**  
9B8F9B

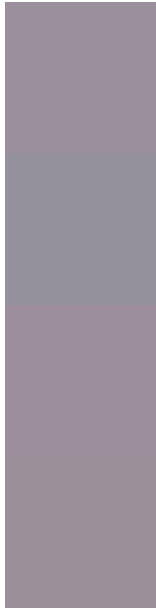
**Protanopia**  
92929D

**Deuteranopia**  
9D8E9B



**Tritanopia**  
9B8F9A

# Trichromacy



**Original Color**  
9B8F9B

**Protanomaly**  
95919C

**Deuteranomaly**  
9C8E9B

**Tritanomaly**  
9B8F9A

# Monochromacy



**Original Color**  
9B8F9B

**Achromatopsia**  
949494

**Achromatomaly**  
979297

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8F9B 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 #9B8F9B looks like.

```
.text, #text, p{  
    color:#9B8F9B  
}
```

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 #9B8F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8F9B
}
```

## Border

The CSS property to change the border of an element to Hex 9B8F9B 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
#9B8F9B }
```

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

```
.border{ border-color:#9B8F9B }
```

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

Here you see how a box with a 4 pixel #9B8F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8F9B; -webkit-box-shadow:4px 4px  
4px 4px #9B8F9B; box-shadow:4px 4px 4px  
4px #9B8F9B }
```

# Background

The CSS property to change the background color of an element to Hex 9B8F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8F9B }
```

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

```
.background{ background-color:#9B8F9B }
```

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