

# Converting Colors

Hex(9A7F8D)

Have a look what the booklet for  
Hex(9A7F8D) contains.

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# Color

Hex(9A7F8D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A7F8D
RGB	154, 127, 141
RGB Percent	60%, 50%, 55%
CMY	0.3961, 0.5020, 0.4471
CMYK	0.00, 0.18, 0.08, 0.40
HSL	329°, 12%, 55%
HSV	329°, 18%, 60%
XYZ	25.7235, 23.9719, 28.4706
YIQ	136.6690, 11.5980, 10.0780

# Conversions

## Conversions Part 2

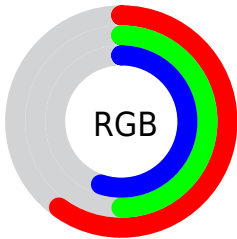
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 127, 141
Decimal	10125197
CIE Lab	56.06, 12.82, -3.65
CIE LCh	56, 13.328, 344.102
Yxy	23.9719, 0.3291, 0.3067
Android (android.graphics.Color)	4288315277 (0xFF9A7F8D)
YUV	136.6690, 2.1352, 15.1993
Hunter-Lab	48.9611, 8.0998, -0.2040

# Details

The Hex color **9A7F8D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F9A8C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D1B4C3**, and **674E5B** is the 20% darker color. If you saturate the color by 10%, you get **9A7086**, and if you desaturate by 10%, it is **9A8E94**.

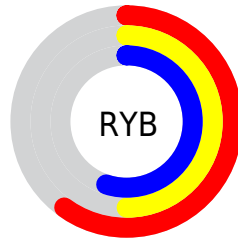
# Distribution



Red (60%)

Green (50%)

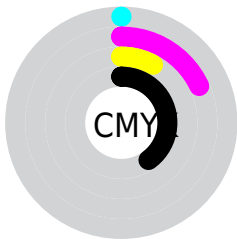
Blue (55%)



Red (60%)

Yellow (50%)

Blue (55%)

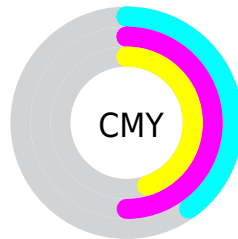


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (40%)



Cyan (40%)

Magenta (50%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A7F8D 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 9A7F8D by changing the saturation by 10% instead.





9A7F8D



9A7F8D

FFFFFF



806673



D1B4C3



674E5B



EDCFDE



4E3743



FFECFB



37212D



220C19



000000



9A7F8D



9A7F8D



9A7086



9A8E94



9A607E



9A9E9C

 9A5177

 9AADA3

 9A416F

 9ABDAB

 9A3268

 9ACCB2

 9A2361

 9ADBB9

 9A1359

 9AEBC1

 9A0452

 9AFAC8

 9A0050

 9AFFD0

# Harmonies

## Analogous

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



8F8297



9A7F8D



9F7E81

# Triad

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



9A7F8D



8A8770



698C96

# Complementary

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



9A7F8D



7F9A8C

# 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.



698D8C



9A7F8D



7D8B76

# Square

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



9A7F8D



958370



708D80



72899C

# Rectangle

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



9A7F8D



9E7F7A



708D80



688D93



# Sweetspot

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



9A7F8D



C9BFC5



8C7F9A



666063



E6E6E6



666666



# Same Dimension

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



9A7F8D



C99FB5



9A7F80



4D4549



8C0049



0D0007



# Inverse Universe

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



9A7F8D



C99FB5



7F9A99



4D4549



8C0049

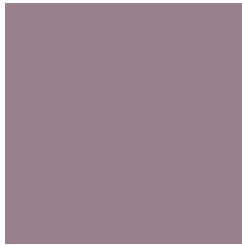


0D0007



# Previews

## White Background



This preview shows how the Hex color 9A7F8D looks on a white background.

## Color Contrast Check

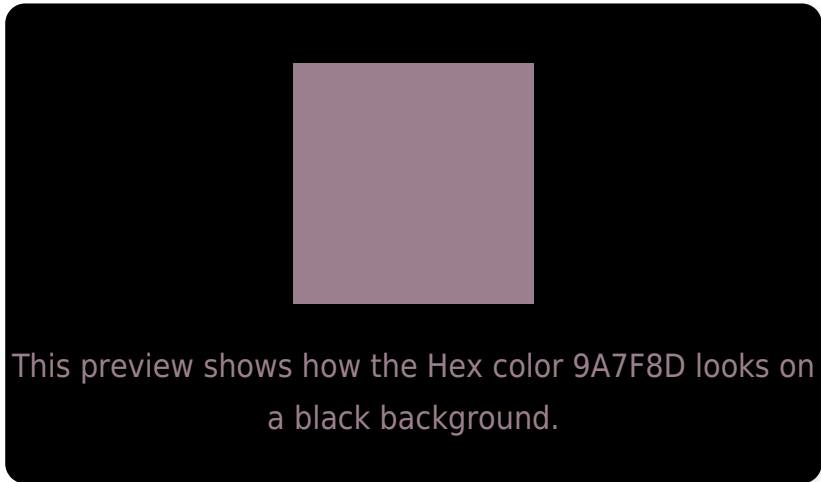
Large Text (above 18pt) WCAG AA ✓ Pass

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

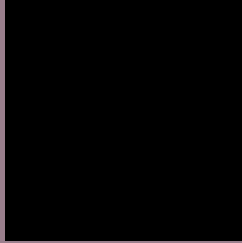
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A7F8D Background



This preview shows how black text looks on a background with the Hex color 9A7F8D.



This preview shows how white text looks on a background with the Hex color 9A7F8D.

# 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**  
9A808A

# Trichromacy



**Original Color**  
9A7F8D

**Protanomaly**  
8D8390

**Deuteranomaly**  
94818C

**Tritanomaly**  
9A808B

# Monochromacy



**Original Color**  
9A7F8D

**Achromatopsia**  
898989

**Achromatomaly**  
8F858A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A7F8D 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 #9A7F8D looks like.

```
.text, #text, p{  
    color:#9A7F8D  
}
```

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 #9A7F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7F8D
}
```

## Border

The CSS property to change the border of an element to Hex 9A7F8D 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
#9A7F8D }
```

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

```
.border{ border-color:#9A7F8D }
```

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

Here you see how a box with a 4 pixel #9A7F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7F8D; -webkit-box-shadow:4px 4px  
4px 4px #9A7F8D; box-shadow:4px 4px 4px  
4px #9A7F8D }
```

# Background

The CSS property to change the background color of an element to Hex 9A7F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7F8D }
```

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

```
.background{ background-color:#9A7F8D }
```

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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