

# Converting Colors

Hex(9D807F)

Have a look what the booklet for  
Hex(9D807F) contains.

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# Color

**Hex(9D807F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D807F
RGB	157, 128, 127
RGB Percent	62%, 50%, 50%
CMY	0.3843, 0.4980, 0.5020
CMYK	0.00, 0.18, 0.19, 0.38
HSL	2°, 13%, 56%
HSV	2°, 19%, 62%
XYZ	25.4546, 24.1387, 23.3963
YIQ	136.5570, 17.6050, 5.8370

# Conversions

## Conversions Part 2

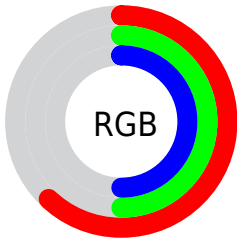
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 128, 127
Decimal	10322047
CIELab	56.23, 10.97, 4.74
CIELCh	56, 11.947, 23.358
Yxy	24.1387, 0.3487, 0.3307
Android (android.graphics.Color)	4288512127 (0xFF9D807F)
YUV	136.5570, -4.7116, 17.9285
Hunter-Lab	49.1312, 6.5001, 6.1579

# Details

The Hex color **9D807F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7F9C9D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D4B5B4**, and **694F4E** is the 20% darker color. If you saturate the color by 10%, you get **9D716F**, and if you desaturate by 10%, it is **9D8F8F**.

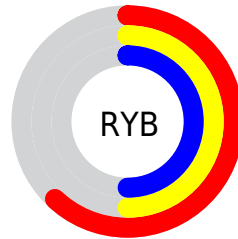
# Distribution



Red (62%)

Green (50%)

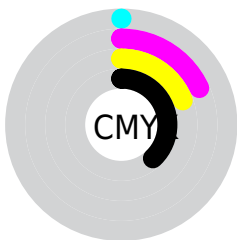
Blue (50%)



Red (62%)

Yellow (50%)

Blue (50%)

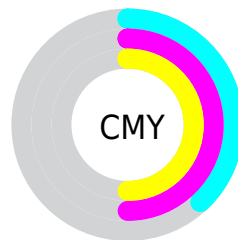


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (38%)



Cyan (38%)

Magenta (50%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D807F 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 9D807F by changing the saturation by 10% instead.



 9D807F

 9D807F

FFFFFF

 836766

 D4B5B4

 694F4E

 F0D0CF

 513837

 FFEDEB

 392222

 240D0C

 000000

 9D807F

 9D807F

 9D716F

 9D8F8F

 9D6260

 9D9E9E

 9D5250

 9DAEAE

 9D4340

 9DBDBE

 9D3431

 9DCCCE

 9D2521

 9DDBDD

 9D1611

 9DEAED

 9D0701

 9DF9FD

 9D0500

 9DFFFF

# Harmonies

## Analogous

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



9A808A



9D807F



9A8277

# Triad

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



9D807F



7A8B7A



79889B

# Complementary

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



9D807F



7F9C9D

# 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.



6F8B97



9D807F



718D84

# Square

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



9D807F



868974



6C8D8F



86859A

# Rectangle

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



9D807F



958473



6C8D8F



75899A



# Sweetspot

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



9D807F



CCC0C0



9D7F9C



665F5F



E6E6E6



666666



# Same Dimension

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



9D807F



CC9F9D



9D8F7F



4F4747



8F0500



0F0100



# Inverse Universe

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



7F9C9D



9DCACC



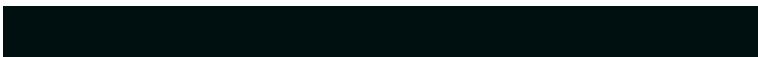
7F8D9D



474F4F



008A8F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9D807F looks on a white background.

## Color Contrast Check

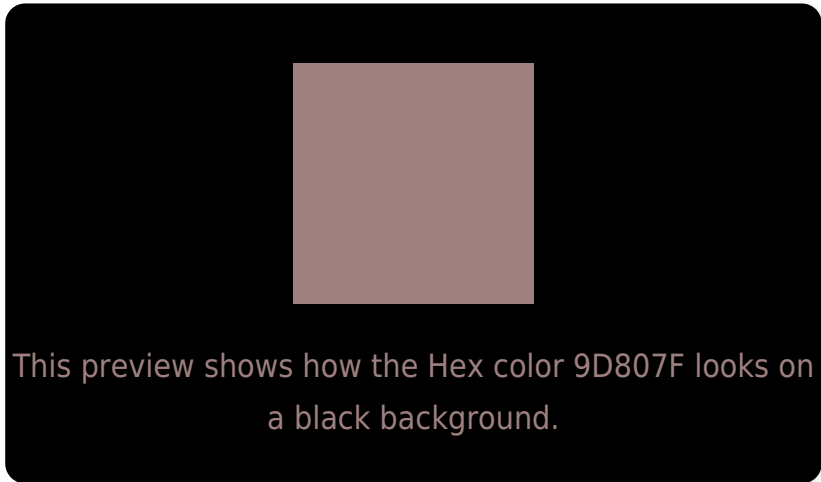
Large Text (above 18pt) WCAG AA ✓ Pass

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

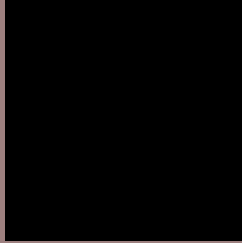
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D807F Background



This preview shows how black text looks on a background with the Hex color 9D807F.



This preview shows how white text looks on a background with the Hex color 9D807F.

# 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**  
9D807F

**Protanopia**  
8A8683

**Deuteranopia**  
97827F



**Tritanopia**  
9E7F88

# Trichromacy



**Original Color**  
9D807F

**Protanomaly**  
918482

**Deuteranomaly**  
99817F

**Tritanomaly**  
9E7F85

# Monochromacy



**Original Color**  
9D807F

**Achromatopsia**  
898989

**Achromatomaly**  
908685

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D807F 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 #9D807F looks like.

```
.text, #text, p{  
    color:#9D807F  
}
```

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 #9D807F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D807F
}
```

## Border

The CSS property to change the border of an element to Hex 9D807F is called "border". The border property can be set on classes, ids or directly on the HTML element.

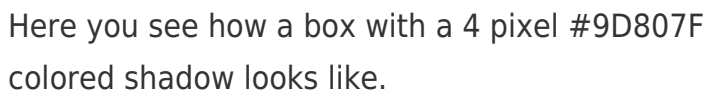
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D807F }
```

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

```
.border{ border-color:#9D807F }
```

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



Here you see how a box with a 4 pixel #9D807F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D807F; -webkit-box-shadow:4px 4px  
4px 4px #9D807F; box-shadow:4px 4px 4px  
4px #9D807F }
```

# Background

The CSS property to change the background color of an element to Hex 9D807F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D807F }
```

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

```
.background{ background-color:#9D807F }
```

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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