

# Converting Colors

Hex(9D847A)

Have a look what the booklet for  
Hex(9D847A) contains.

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**Color**

**Hex(9D847A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D847A
RGB	157, 132, 122
RGB Percent	62%, 52%, 48%
CMY	0.3843, 0.4824, 0.5216
CMYK	0.00, 0.16, 0.22, 0.38
HSL	17°, 15%, 55%
HSV	17°, 22%, 62%
XYZ	25.6687, 25.0758, 21.8996
YIQ	138.3350, 18.1100, 2.1900

# Conversions

## Conversions Part 2

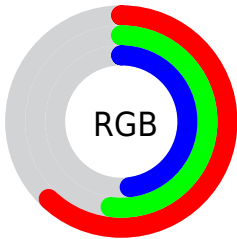
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 136, 122
Decimal	10323066
CIE Lab	57.15, 7.89, 8.94
CIE LCh	57, 11.924, 48.557
Yxy	25.0758, 0.3533, 0.3452
Android (android.graphics.Color)	4288513146 (0xFF9D847A)
YUV	138.3350, -8.0532, 16.3692
Hunter-Lab	50.0757, 3.8664, 9.1237

# Details

The Hex color **9D847A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A939D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D4B9AE**, and **695349** is the 20% darker color. If you saturate the color by 10%, you get **9D796A**, and if you desaturate by 10%, it is **9D8F8A**.

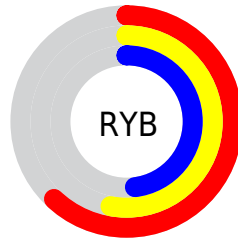
# Distribution



Red (62%)

Green (52%)

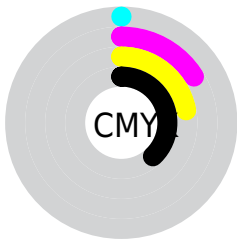
Blue (48%)



Red (62%)

Yellow (53%)

Blue (48%)

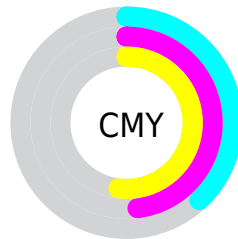


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D847A 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 9D847A by changing the saturation by 10% instead.





9D847A



9D847A

FFFFFF



836B61



D4B9AE



695349



F0D5CA



513B33



FFF1E6



39261E



241105



000000



9D847A



9D847A



9D796A



9D8F8A



9D6E5B



9D9A99

 9D624B

 9DA6A9

 9D573B

 9DB1B9

 9D4C2B

 9DBCC9

 9D411C

 9DC7D8

 9D360C

 9DD3E8

 9D2D00

 9DDEF8

 9DE9FF

# Harmonies

## Analogous

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



9F8283



9D847A



958775

# Triad

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



9D847A



748F85



86889D

# Complementary

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



9D847A



7A939D

# 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.



798B9D



9D847A



6F8F8F

# Square

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



9D847A



7F8D7B



708E98



938597

# Rectangle

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



9D847A



8E8975



708E98



82899E



# Sweetspot

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



9D847A



CCC2BE



9D7A93



66605E



E6E6E6



666666



# Same Dimension

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



9D847A



CCA595



9D957A



4F4947



8F2900



0F0400



# Inverse Universe

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



7A939D



95BCCC



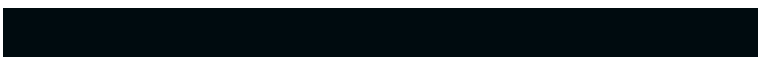
7A829D



474D4F



00668F



000B0F



# Previews

## White Background



This preview shows how the Hex color 9D847A looks on a white background.

## Color Contrast Check

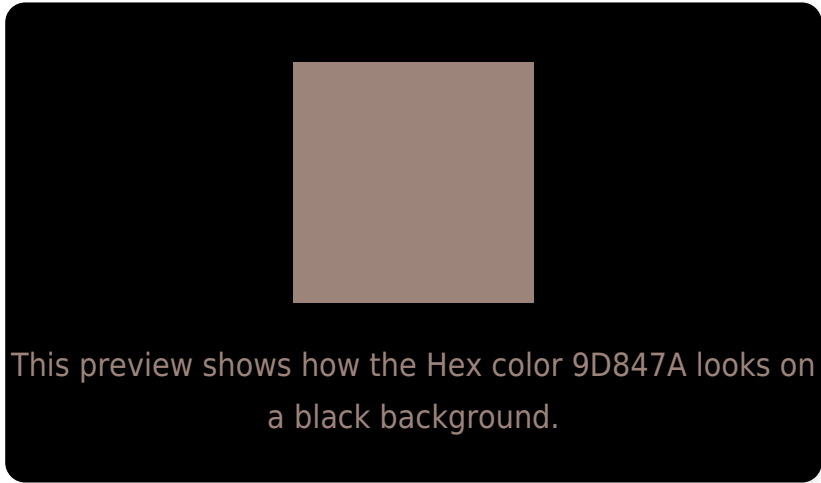
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D847A Background



This preview shows how black text looks on a background with the Hex color 9D847A.



This preview shows how white text looks on a background with the Hex color 9D847A.

# 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**  
9D847A

**Protanopia**  
8F897D

**Deuteranopia**  
9C847A



**Tritanopia**  
9F818B

# Trichromacy



**Original Color**

9D847A

**Protanomaly**

94877C

**Deuteranomaly**

9C847A

**Tritanomaly**

9E8285

# Monochromacy



**Original Color**

9D847A

**Achromatopsia**

8A8A8A

**Achromatomaly**

918884

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D847A 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 #9D847A looks like.

```
.text, #text, p{  
    color:#9D847A  
}
```

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 #9D847A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D847A
}
```

## Border

The CSS property to change the border of an element to Hex 9D847A 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
#9D847A }
```

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

```
.border{ border-color:#9D847A }
```

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

Here you see how a box with a 4 pixel #9D847A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D847A; -webkit-box-shadow:4px 4px  
4px 4px #9D847A; box-shadow:4px 4px 4px  
4px #9D847A }
```

# Background

The CSS property to change the background color of an element to Hex 9D847A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D847A }
```

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

```
.background{ background-color:#9D847A }
```

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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