

# Converting Colors

Hex(9D8D67)

Have a look what the booklet for  
Hex(9D8D67) contains.

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**Color**

**Hex(9D8D67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D8D67
RGB	157, 141, 103
RGB Percent	62%, 55%, 40%
CMY	0.3843, 0.4471, 0.5961
CMYK	0.00, 0.10, 0.34, 0.38
HSL	42°, 22%, 51%
HSV	42°, 34%, 62%
XYZ	25.8777, 27.1971, 16.7176
YIQ	141.4520, 21.7340, -8.4260

# Conversions

## Conversions Part 2

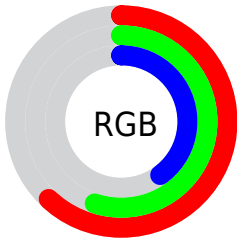
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 157, 103
Decimal	10325351
CIELab	59.16, 0.12, 22.49
CIElCh	59, 22.485, 89.706
Yxy	27.1971, 0.3708, 0.3897
Android (android.graphics.Color)	4288515431 (0xFF9D8D67)
YUV	141.4520, -18.9568, 13.6356
Hunter-Lab	52.1509, -2.6908, 17.4994

# Details

The Hex color **9D8D67** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **67779D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D4C39A**, and **695B37** is the 20% darker color. If you saturate the color by 10%, you get **9D8857**, and if you desaturate by 10%, it is **9D9277**.

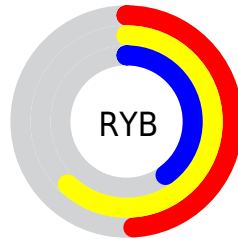
# Distribution



Red (62%)

Green (55%)

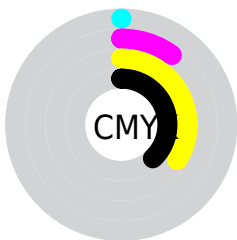
Blue (40%)



Red (49%)

Yellow (62%)

Blue (40%)

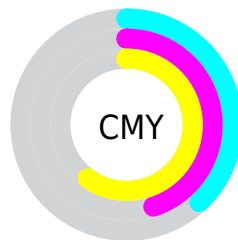


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D8D67 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 9D8D67 by changing the saturation by 10% instead.





9D8D67



9D8D67

FFFFFF



82744F



D4C39A



695B37



F1DEB5



504421



FFFBD1



382E0C



FFFFED



221900



000000



9D8D67



9D8D67



9D8857



9D9277



9D8448



9D9686

 9D7F38

 9D9B96

 9D7A28

 9DA0A6

 9D7618

 9DA4B6

 9D7109

 9DA9C5

 9D6E00

 9DAED5

 9DB2E5

 9DB7F4

# Harmonies

## Analogous

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



AD866D



9D8D67



88936C

# Triad

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



9D8D67



5499A1



A883A3

# Complementary

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



9D8D67



67779D

# 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.



9189B1



9D8D67



5D96B0

# Square

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



9D8D67



5D998D



7690B5



B4808F

# Rectangle

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



9D8D67



799674



7690B5



A185A8



# Sweetspot

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



9D8D67



CCC6B8



9D6777



66625A



E6E6E6



666666



# Same Dimension

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



9D8D67



CCB378



929D67



4F4D47



8F6400



0F0B00



# Inverse Universe

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



67779D



7891CC



72679D



47494F



002A8F



00050F



# Previews

## White Background



This preview shows how the Hex color 9D8D67 looks on a white background.

## Color Contrast Check

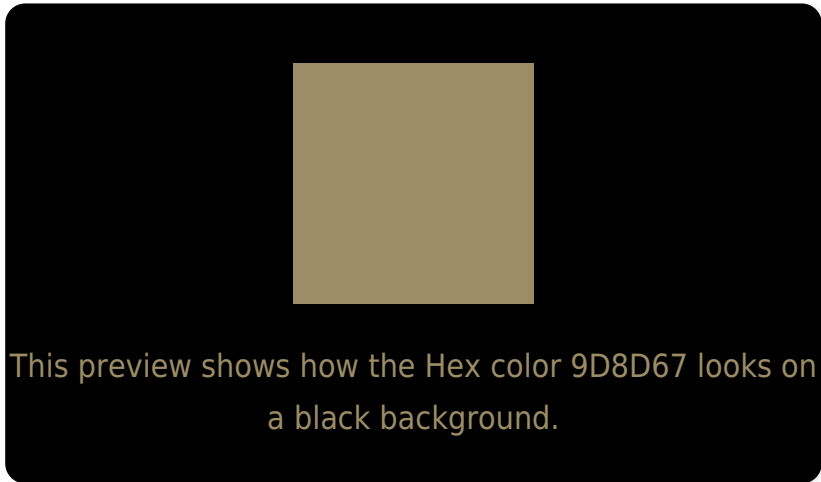
Large Text (above 18pt) WCAG AA ✓ Pass

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

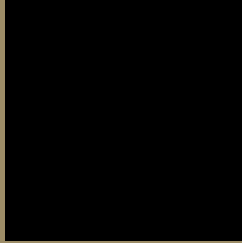
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D8D67 Background



This preview shows how black text looks on a background with the Hex color 9D8D67.



This preview shows how white text looks on a background with the Hex color 9D8D67.

# 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**  
9D8D67

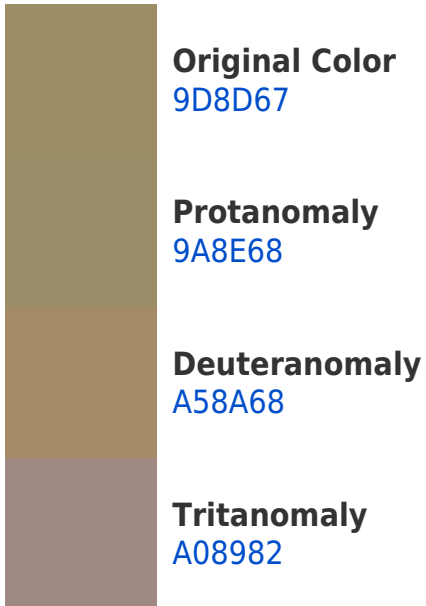
**Protanopia**  
998E68

**Deuteranopia**  
A98868

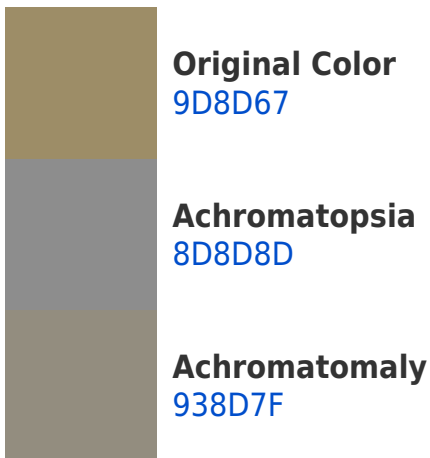


**Tritanopia**  
A28792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D8D67 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 #9D8D67 looks like.

```
.text, #text, p{  
    color:#9D8D67  
}
```

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 #9D8D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8D67
}
```

## Border

The CSS property to change the border of an element to Hex 9D8D67 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
#9D8D67 }
```

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

```
.border{ border-color:#9D8D67 }
```

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

Here you see how a box with a 4 pixel #9D8D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8D67; -webkit-box-shadow:4px 4px  
4px 4px #9D8D67; box-shadow:4px 4px 4px  
4px #9D8D67 }
```

# Background

The CSS property to change the background color of an element to Hex 9D8D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8D67 }
```

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

```
.background{ background-color:#9D8D67 }
```

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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