

# Converting Colors

Hex(9C8C62)

Have a look what the booklet for  
Hex(9C8C62) contains.

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**Color**

**Hex(9C8C62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8C62
RGB	156, 140, 98
RGB Percent	61%, 55%, 38%
CMY	0.3882, 0.4510, 0.6157
CMYK	0.00, 0.10, 0.37, 0.39
HSL	43°, 23%, 50%
HSV	43°, 37%, 61%
XYZ	25.2930, 26.7059, 15.3769
YIQ	139.9960, 23.0180, -9.6700

# Conversions

## Conversions Part 2

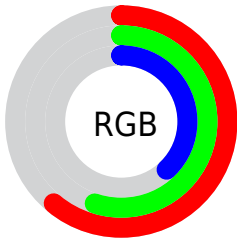
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 156, 98
Decimal	10259554
CIELab	58.70, -0.38, 24.64
CIELCh	59, 24.646, 90.888
Yxy	26.7059, 0.3754, 0.3964
Android (android.graphics.Color)	4288449634 (0xFF9C8C62)
YUV	139.9960, -20.7040, 14.0355
Hunter-Lab	51.6778, -3.0717, 18.5324

# Details

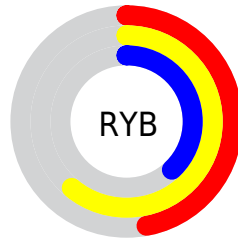
The Hex color **9C8C62** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **62729C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D3C195**, and **685A33** is the 20% darker color. If you saturate the color by 10%, you get **9C8852**, and if you desaturate by 10%, it is **9C9072**.

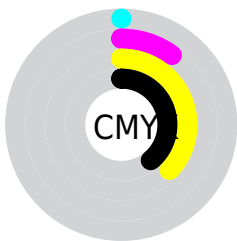
# Distribution



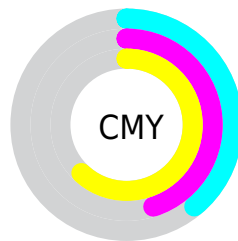
- Red (61%)
- Green (55%)
- Blue (38%)



- Red (47%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8C62 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 9C8C62 by changing the saturation by 10% instead.





9C8C62



9C8C62

FFFFFF



81734A



D3C195



685A33



F0DDB0



4F431D



FFFACD



372D05



FFFFE8



201800



000000



9C8C62



9C8C62



9C8852



9C9072



9C8343



9C9581

 9C7F33

 9C9991

 9C7B24

 9C9DA0

 9C7614

 9CA2B0

 9C7204

 9CA6C0

 9C7100

 9CAACF

 9CAEDF

 9CB3EE

# Harmonies

## Analogous

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



AE8568



9C8C62



859368

# Triad

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



9C8C62



4A99A3



A981A3

# Complementary

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



9C8C62



62729C

# 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.



9187B2



9C8C62



5695B2

# Square

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



9C8C62



55998D



728FB8



B77D8D

# Rectangle

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



9C8C62



749671



728FB8



A283A9



# Sweetspot

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



9C8C62



CCC6B6



9C6272



666259



E6E6E6



666666



# Same Dimension

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



9C8C62



CCB370



8F9C62



4F4D47



8F6700



0F0B00



# Inverse Universe

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



62729C



708ACC



6F629C



47494F



00278F



00040F



# Previews

## White Background



This preview shows how the Hex color 9C8C62 looks on a white background.

## Color Contrast Check

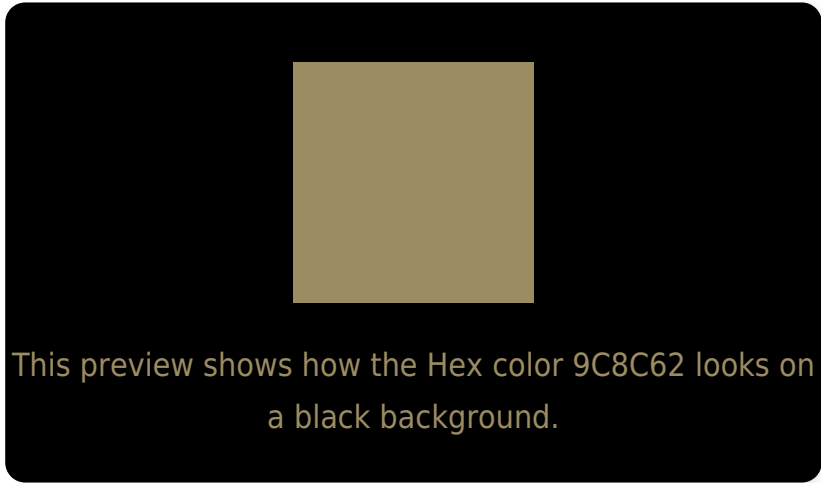
Large Text (above 18pt) WCAG AA ✓ Pass

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

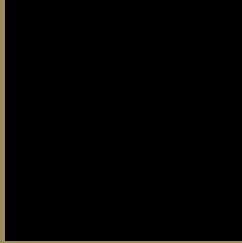
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C8C62 Background



This preview shows how black text looks on a background with the Hex color 9C8C62.

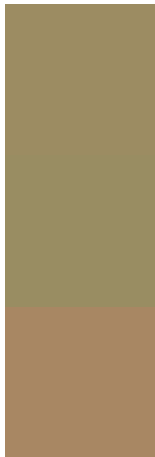


This preview shows how white text looks on a background with the Hex color 9C8C62.

# 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**  
9C8C62

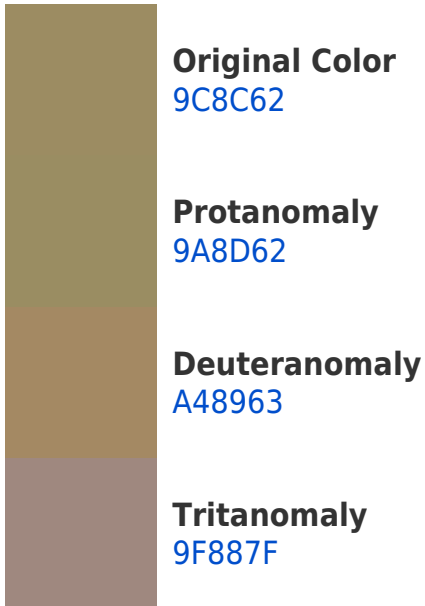
**Protanopia**  
998D62

**Deuteranopia**  
A88763



**Tritanopia**  
A18690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8C62 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 #9C8C62 looks like.

```
.text, #text, p{  
    color:#9C8C62  
}
```

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 #9C8C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8C62
}
```

## Border

The CSS property to change the border of an element to Hex 9C8C62 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
#9C8C62 }
```

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

```
.border{ border-color:#9C8C62 }
```

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

Here you see how a box with a 4 pixel #9C8C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8C62; -webkit-box-shadow:4px 4px  
4px 4px #9C8C62; box-shadow:4px 4px 4px  
4px #9C8C62 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8C62 }
```

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

```
.background{ background-color:#9C8C62 }
```

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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