

# Converting Colors

Hex(9A7F63)

Have a look what the booklet for  
Hex(9A7F63) contains.

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**Color**

**Hex(9A7F63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A7F63
RGB	154, 127, 99
RGB Percent	60%, 50%, 39%
CMY	0.3961, 0.5020, 0.6118
CMYK	0.00, 0.18, 0.36, 0.40
HSL	31°, 22%, 50%
HSV	31°, 36%, 60%
XYZ	23.1679, 22.9496, 15.0130
YIQ	131.8810, 25.0800, -2.9840

# Conversions

## Conversions Part 2

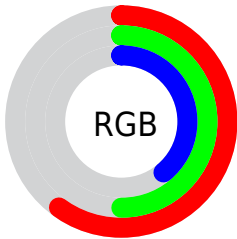
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 154, 99
Decimal	10125155
CIELab	55.02, 6.21, 19.13
CIELCh	55, 20.109, 72.007
Yxy	22.9496, 0.3790, 0.3754
Android (android.graphics.Color)	4288315235 (0xFF9A7F63)
YUV	131.8810, -16.2103, 19.3984
Hunter-Lab	47.9058, 2.4901, 14.9533

# Details

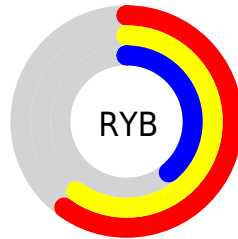
The Hex color **9A7F63** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **637E9A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D1B496**, and **664E34** is the 20% darker color. If you saturate the color by 10%, you get **9A7754**, and if you desaturate by 10%, it is **9A8772**.

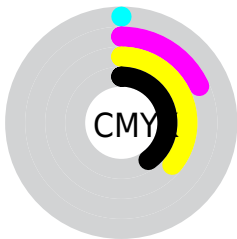
# Distribution



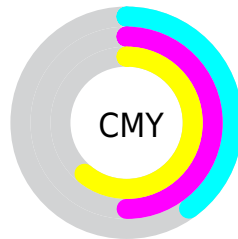
- Red (60%)
- Green (50%)
- Blue (39%)



- Red (60%)
- Yellow (60%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A7F63 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 9A7F63 by changing the saturation by 10% instead.



 9A7F63

 9A7F63

FFFFFF

 7F664B

 D1B496

 664E34

 EECFB1

 4D371F

 FFEBCB

 352207

 FFFFE8

 1F0C00

 000000

 9A7F63

 9A7F63

 9A7754

 9A8772

 9A7044

 9A8E82

 9A6835

 9A9691

 9A6125

 9A9DA1

 9A5916

 9AA5B0

 9A5207

 9AACBF

 9A4E00

 9AB4CF

 9ABBDE

 9AC3EE

# Harmonies

## Analogous

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



A57A6D



9A7F63



898562

# Triad

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



9A7F63



548E8A



8F7D9E

# Complementary

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



9A7F63



637E9A

# 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.



7883A5



9A7F63



528C9A

# Square

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



9A7F63



628D78



6188A4



A0788F

# Rectangle

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



9A7F63



7D8866



6188A4



887FA1



# Sweetspot

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



9A7F63



C9BFB3



9A637E



665F59



E6E6E6



666666



# Same Dimension

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



9A7F63



C99F73



9A9A63



4D4945



8C4700



0D0600



# Inverse Universe

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



637E9A



739DC9



63639A



45494D



00458C

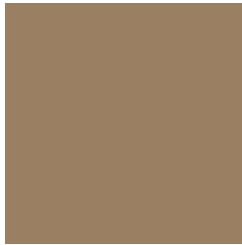


00060D



# Previews

## White Background



This preview shows how the Hex color 9A7F63 looks on a white background.

## Color Contrast Check

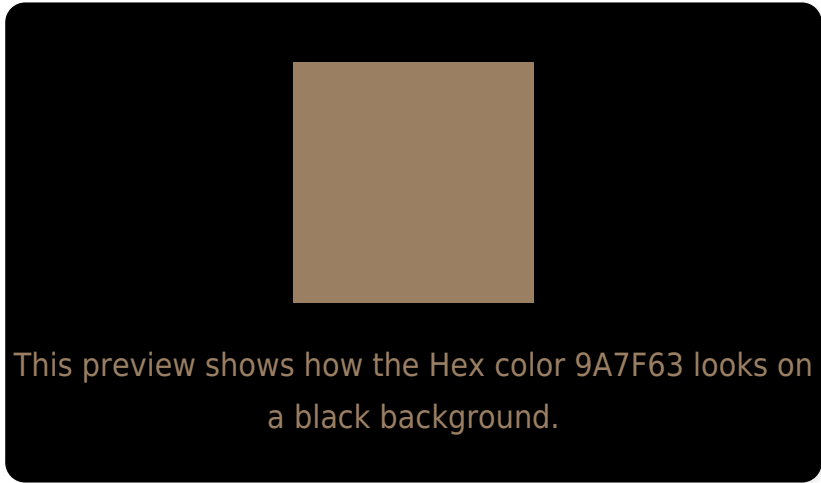
Large Text (above 18pt) WCAG AA ✓ Pass

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

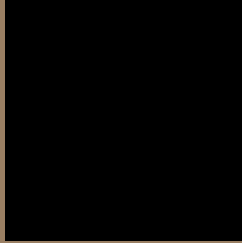
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A7F63 Background



This preview shows how black text looks on a background with the Hex color 9A7F63.



This preview shows how white text looks on a background with the Hex color 9A7F63.

# 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**  
9A7F63

**Protanopia**  
8D8465

**Deuteranopia**  
9B7E63



**Tritanopia**  
9D7B84

# Trichromacy



**Original Color**  
9A7F63

**Protanomaly**  
928264

**Deuteranomaly**  
9B7E63

**Tritanomaly**  
9C7C78

# Monochromacy



**Original Color**  
9A7F63

**Achromatopsia**  
848484

**Achromatomaly**  
8C8278

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A7F63 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 #9A7F63 looks like.

```
.text, #text, p{  
    color:#9A7F63  
}
```

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 #9A7F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7F63  
}
```

## Border

The CSS property to change the border of an element to Hex 9A7F63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

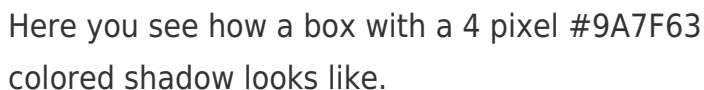
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9A7F63 }
```

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

```
.border{ border-color:#9A7F63 }
```

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



Here you see how a box with a 4 pixel #9A7F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7F63; -webkit-box-shadow:4px 4px  
4px 4px #9A7F63; box-shadow:4px 4px 4px  
4px #9A7F63 }
```

# Background

The CSS property to change the background color of an element to Hex 9A7F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7F63 }
```

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

```
.background{ background-color:#9A7F63 }
```

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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