

# Converting Colors

Hex(9B7C59)

Have a look what the booklet for  
Hex(9B7C59) contains.

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**Color**

**Hex(9B7C59)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9B7C59                     |
| RGB           | 155, 124, 89               |
| RGB Percent   | 61%, 49%, 35%              |
| CMY           | 0.3922, 0.5137, 0.6510     |
| CMYK          | 0.00, 0.20, 0.43, 0.39     |
| HSL           | 32°, 27%, 48%              |
| HSV           | 32°, 43%, 61%              |
| XYZ           | 22.5284, 22.1051, 12.5305  |
| YIQ           | 129.2790, 29.7110, -4.3130 |

# Conversions

## Conversions Part 2

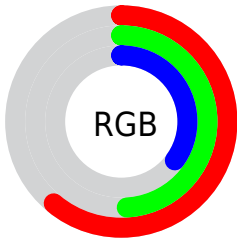
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 147, 155, 89                   |
| Decimal                             | 10189913                       |
| CIELab                              | 54.14, 7.11, 23.65             |
| CIElCh                              | 54, 24.693, 73.258             |
| Yxy                                 | 22.1051, 0.3941,<br>0.3867     |
| Android<br>(android.graphics.Color) | 4288379993<br>(0xFF9B7C59)     |
| YUV                                 | 129.2790, -19.8575,<br>22.5573 |
| Hunter-Lab                          | 47.0161, 3.2525,<br>17.1095    |

# Details

The Hex color **9B7C59** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **59789B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D3B08B**, and **664B2B** is the 20% darker color. If you saturate the color by 10%, you get **9B754A**, and if you desaturate by 10%, it is **9B8369**.

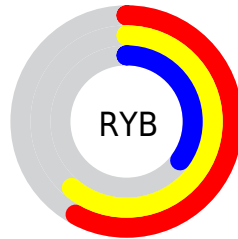
# Distribution



Red (61%)

Green (49%)

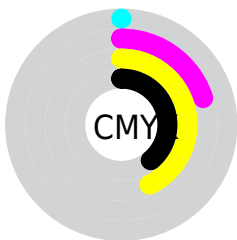
Blue (35%)



Red (58%)

Yellow (61%)

Blue (35%)

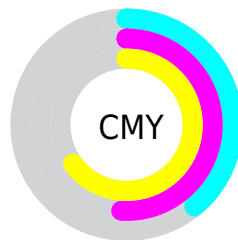


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (39%)



Cyan (39%)

Magenta (51%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B7C59 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 9B7C59 by changing the saturation by 10% instead.



 9B7C59

 9B7C59

FFFFFF

 806341

 D3B08B

 664B2B

 F0CCA6

 4D3515

 FFE8C1

 351F00

 FFFFDD

 1E0900

 FFFFFA

 000000

 9B7C59

 9B7C59

 9B754A

 9B8369

 9B6D3A

 9B8B78

 9B662A

 9B9288

 9B5F1B

 9B9997

 9B580C

 9BA0A7

 9B5200

 9BA8B6

 9BAFC5

 9BB6D5

 9BBEE4

# Harmonies

## Analogous

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



A87565



9B7C59



878358

# Triad

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



9B7C59



418D8A



9079A1

# Complementary

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



9B7C59



59789B

# 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.



7480AB



9B7C59



3E8B9E

# Square

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



9B7C59



568C74



5487AA



A4738E

# Rectangle

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



9B7C59



77875D



5487AA



877BA5



# Sweetspot

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



9B7C59



C9BDAF



9B5979



665E56



E6E6E6



666666



# Same Dimension

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



9B7C59



C99963



9A9B59



4D4945



8C4A00



0D0700



# Inverse Universe

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



59789B



6393C9



5A599B



45484D



00428C

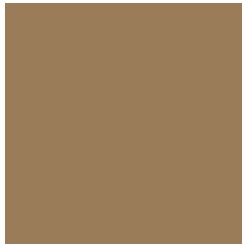


00060D



# Previews

## White Background



This preview shows how the Hex color 9B7C59 looks on a white background.

## Color Contrast Check

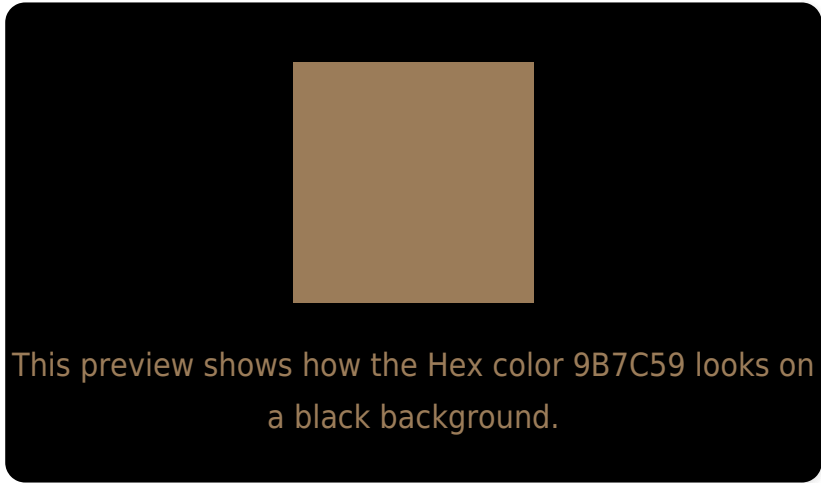
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B7C59 Background



This preview shows how black text looks on a background with the Hex color 9B7C59.



This preview shows how white text looks on a background with the Hex color 9B7C59.

# 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**  
9B7C59

**Protanopia**  
8C825B

**Deuteranopia**  
9B7C59



**Tritanopia**  
9F7780

# Trichromacy



**Original Color**  
9B7C59

**Protanomaly**  
91805A

**Deuteranomaly**  
9B7C59

**Tritanomaly**  
9E7972

# Monochromacy



**Original Color**  
9B7C59

**Achromatopsia**  
818181

**Achromatomaly**  
8A7F72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B7C59 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 #9B7C59 looks like.

```
.text, #text, p{  
    color:#9B7C59  
}
```

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 #9B7C59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7C59
}
```

## Border

The CSS property to change the border of an element to Hex 9B7C59 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
#9B7C59 }
```

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

```
.border{ border-color:#9B7C59 }
```

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

Here you see how a box with a 4 pixel #9B7C59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7C59; -webkit-box-shadow:4px 4px  
4px 4px #9B7C59; box-shadow:4px 4px 4px  
4px #9B7C59 }
```

# Background

The CSS property to change the background color of an element to Hex 9B7C59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7C59 }
```

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

```
.background{ background-color:#9B7C59 }
```

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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