

# Converting Colors

Hex(9B765C)

Have a look what the booklet for  
Hex(9B765C) contains.

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**Color**

**Hex(9B765C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B765C
RGB	155, 118, 92
RGB Percent	61%, 46%, 36%
CMY	0.3922, 0.5373, 0.6392
CMYK	0.00, 0.24, 0.41, 0.39
HSL	25°, 26%, 48%
HSV	25°, 41%, 61%
XYZ	21.9278, 20.6981, 12.9646
YIQ	126.0990, 30.3980, -0.2420

# Conversions

## Conversions Part 2

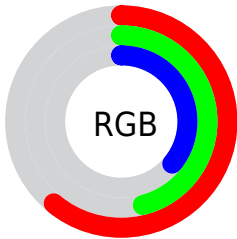
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 136, 92
Decimal	10188380
CIELab	52.62, 10.89, 19.91
CIELCh	53, 22.698, 61.319
Yxy	20.6981, 0.3945, 0.3723
Android (android.graphics.Color)	4288378460 (0xFF9B765C)
YUV	126.0990, -16.8108, 25.3462
Hunter-Lab	45.4952, 6.4168, 14.9509

# Details

The Hex color **9B765C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5C819B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D3AA8E**, and **66462E** is the 20% darker color. If you saturate the color by 10%, you get **9B6D4D**, and if you desaturate by 10%, it is **9B7F6C**.

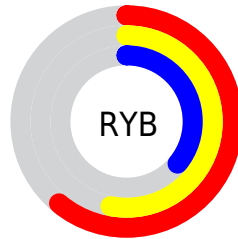
# Distribution



Red (61%)

Green (46%)

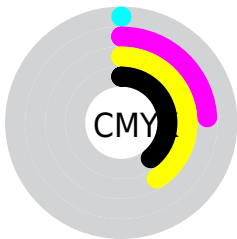
Blue (36%)



Red (61%)

Yellow (53%)

Blue (36%)

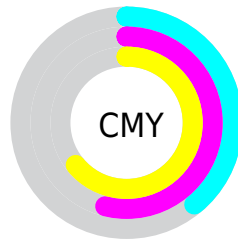


Cyan (0%)

Magenta (24%)

Yellow (41%)

Black (39%)



Cyan (39%)

Magenta (54%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B765C 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 9B765C by changing the saturation by 10% instead.



 9B765C

 9B765C

FFFFFF

 805D44

 D3AA8E

 66462E

 F0C5A9

 4D2F19

 FFE1C4

 351A00

 FFFEE0

 1E0100

FFFFFFD

 000000

 9B765C

 9B765C

 9B6D4D

 9B7F6C

 9B643D

 9B887B

 9B5B2E

 9B918B

 9B521E

 9B9A9A

 9B480F

 9BA4AA

 9B4000

 9BADB9

 9BB6C8

 9BBFD8

 9BC8E8

# Harmonies

## Analogous

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



A4716A



9B765C



8B7D57

# Triad

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



9B765C



4B887E



82789F

# Complementary

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



9B765C



5C819B

# 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.



667FA4



9B765C



418891

# Square

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



9B765C



5F876A



4C859F



977291

# Rectangle

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



9B765C



7D8159



4C859F



797BA2



# Sweetspot

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



9B765C



C9BBB1



9B5C82



665E58



E6E6E6



666666



# Same Dimension

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



9B765C



C98F67



9B955C



4D4845



8C3A00



0D0500



# Inverse Universe

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



5C819B



67A1C9



5C629B



45494D



00528C



00070D



# Previews

## White Background



This preview shows how the Hex color 9B765C looks on a white background.

## Color Contrast Check

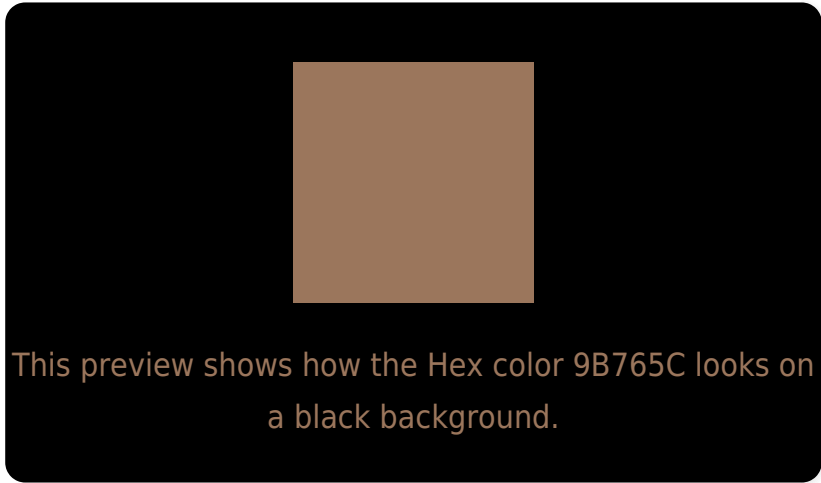
Large Text (above 18pt) WCAG AA ✓ Pass

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

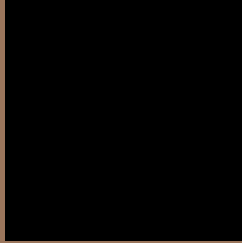
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B765C Background



This preview shows how black text looks on a background with the Hex color 9B765C.



This preview shows how white text looks on a background with the Hex color 9B765C.

# 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**  
9B765C

**Protanopia**  
877E5F

**Deuteranopia**  
95795B



**Tritanopia**  
9E727B

# Trichromacy



**Original Color**  
9B765C

**Protanomaly**  
8E7B5E

**Deuteranomaly**  
97785B

**Tritanomaly**  
9D7370

# Monochromacy



**Original Color**  
9B765C

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
897B72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B765C 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 #9B765C looks like.

```
.text, #text, p{  
    color:#9B765C  
}
```

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 #9B765C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B765C  
}
```

## Border

The CSS property to change the border of an element to Hex 9B765C is called "border". The border property can be set on classes, ids or directly on the HTML element.

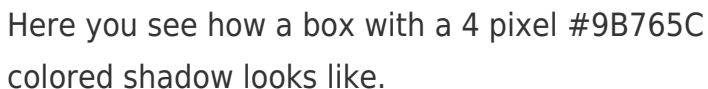
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9B765C }
```

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

```
.border{ border-color:#9B765C }
```

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



Here you see how a box with a 4 pixel #9B765C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B765C; -webkit-box-shadow:4px 4px  
4px 4px #9B765C; box-shadow:4px 4px 4px  
4px #9B765C }
```

# Background

The CSS property to change the background color of an element to Hex 9B765C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B765C }
```

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

```
.background{ background-color:#9B765C }
```

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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