

# Converting Colors

Hex(9B6862)

Have a look what the booklet for  
Hex(9B6862) contains.

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**Color**

**Hex(9B6862)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B6862
RGB	155, 104, 98
RGB Percent	61%, 41%, 38%
CMY	0.3922, 0.5922, 0.6157
CMYK	0.00, 0.33, 0.37, 0.39
HSL	6°, 23%, 50%
HSV	6°, 37%, 61%
XYZ	20.6725, 17.7510, 13.8920
YIQ	118.5650, 32.3220, 8.9460

# Conversions

## Conversions Part 2

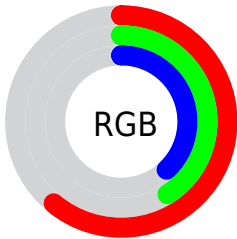
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 105, 98
Decimal	10184802
CIELab	49.19, 19.69, 11.72
CIELCh	49, 22.911, 30.756
Yxy	17.7510, 0.3952, 0.3393
Android (android.graphics.Color)	4288374882 (0xFF9B6862)
YUV	118.5650, -10.1385, 31.9535
Hunter-Lab	42.1320, 13.8519, 9.9429

# Details

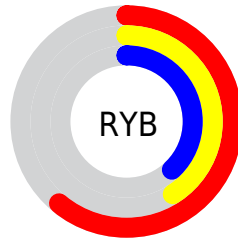
The Hex color **9B6862** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62959B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D39C95**, and **663834** is the 20% darker color. If you saturate the color by 10%, you get **9B5A53**, and if you desaturate by 10%, it is **9B7672**.

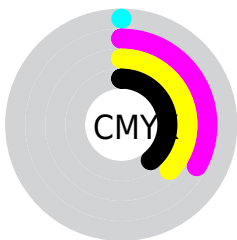
# Distribution



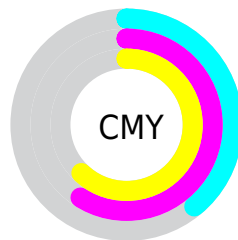
- Red (61%)
- Green (41%)
- Blue (38%)



- Red (61%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (39%)



- Cyan (39%)
- Magenta (59%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B6862 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 9B6862 by changing the saturation by 10% instead.



 9B6862

 9B6862

FFFFFF

 80504A

 D39C95

 663834

 F0B7AF

 4C221E

 FFD2CB

 340C06

 FFEFE7

 1E0001

 000000

 9B6862

 9B6862

 9B5A53

 9B7672

 9B4C43

 9B8481

 9B3E34

 9B9291

 9B3124

 9B9FA0

 9B2315

 9BADB0

 9B1505

 9BBBBF

 9B1000

 9BC9CF

 9BD7DE

 9BE5EE

# Harmonies

## Analogous

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



9A6675



9B6862



926D54

# Triad

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



9B6862



577E61



5C779B

# Complementary

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



9B6862



62959B

# 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.



417C96



9B6862



418075

# Square

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



9B6862



6D7A53



367F88



787096

# Rectangle

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



9B6862



88724F



367F88



53799B



# Sweetspot

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



9B6862



C9B6B3



9B6295



665A59



E6E6E6



666666



# Same Dimension

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



9B6862



C97A71



9B8462



4D4645



8C0F00



0D0100



# Inverse Universe

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



62959B



71C0C9



62799B



454C4D



007D8C



000B0D



# Previews

## White Background



This preview shows how the Hex color 9B6862 looks on a white background.

## Color Contrast Check

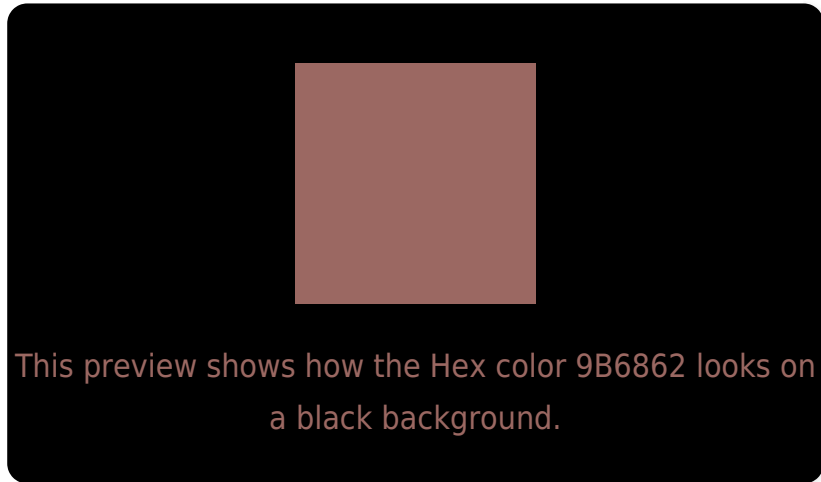
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 9B6862 Background



This preview shows how black text looks on a background with the Hex color 9B6862.

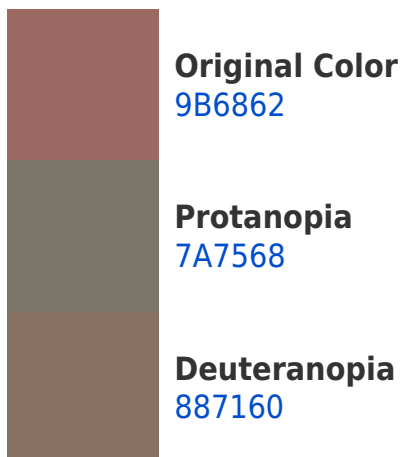



This preview shows how white text looks on a background with the Hex color 9B6862.

# 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





**Tritanopia**  
9C666E

# Trichromacy



**Original Color**  
9B6862

**Protanomaly**  
867066

**Deuteranomaly**  
8F6E61

**Tritanomaly**  
9C676A

# Monochromacy



**Original Color**  
9B6862

**Achromatopsia**  
777777

**Achromatomaly**  
84726F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B6862 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 #9B6862 looks like.

```
.text, #text, p{  
    color:#9B6862  
}
```

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 #9B6862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6862
}
```

## Border

The CSS property to change the border of an element to Hex 9B6862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

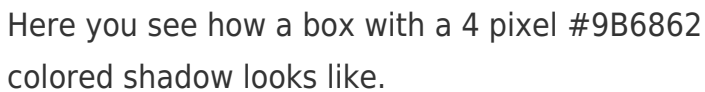
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B6862 }
```

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

```
.border{ border-color:#9B6862 }
```

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



Here you see how a box with a 4 pixel #9B6862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6862; -webkit-box-shadow:4px 4px  
4px 4px #9B6862; box-shadow:4px 4px 4px  
4px #9B6862 }
```

# Background

The CSS property to change the background color of an element to Hex 9B6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6862 }
```

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

```
.background{ background-color:#9B6862 }
```

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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