

# Converting Colors

Hex(9A6B4B)

Have a look what the booklet for  
Hex(9A6B4B) contains.

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**Color**

**Hex(9A6B4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A6B4B
RGB	154, 107, 75
RGB Percent	60%, 42%, 29%
CMY	0.3961, 0.5804, 0.7059
CMYK	0.00, 0.31, 0.51, 0.40
HSL	24°, 34%, 45%
HSV	24°, 51%, 60%
XYZ	19.8541, 17.8934, 9.0640
YIQ	117.4050, 38.2840, 0.0120

# Conversions

## Conversions Part 2

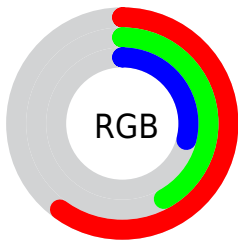
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 129, 75
Decimal	10120011
CIELab	49.37, 14.92, 25.37
CIELCh	49, 29.434, 59.548
Yxy	17.8934, 0.4241, 0.3822
Android (android.graphics.Color)	4288310091 (0xFF9A6B4B)
YUV	117.4050, -20.9057, 32.0938
Hunter-Lab	42.3006, 9.7543, 16.9061

# Details

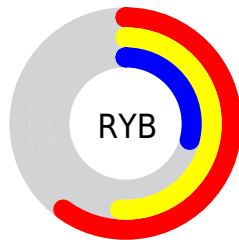
The Hex color **9A6B4B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4B7A9A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D29F7C**, and **643B1E** is the 20% darker color. If you saturate the color by 10%, you get **9A623C**, and if you desaturate by 10%, it is **9A745A**.

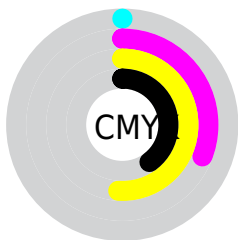
# Distribution



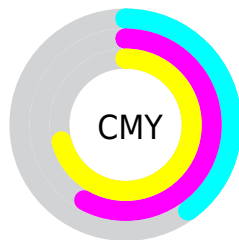
- Red (60%)
- Green (42%)
- Blue (29%)



- Red (60%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A6B4B 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 9A6B4B by changing the saturation by 10% instead.





9A6B4B



9A6B4B

FFFFFF



7F5334



D29F7C



643B1E



F0B996



4A2507



FFD5B1



311100



FFF2CD



190001



FFFFE9



000000



9A6B4B



9A6B4B



9A623C



9A745A



9A592C



9A7D6A

 9A501D

 9A8679

 9A460D

 9A9089

 9A3E00

 9A9998

 9AA2A7

 9AABB7

 9AB4C6

 9ABDD6

# Harmonies

## Analogous

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



A5645E



9A6B4B



867443

# Triad

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



9A6B4B



2B8374



786FA1

# Complementary

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



9A6B4B



4B7A9A

# 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.



5078A7



9A6B4B



00828D

# Square

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



9A6B4B



4E805B



207FA0



94668F

# Rectangle

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



9A6B4B



757945



207FA0



6B72A4



# Sweetspot

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



9A6B4B



C9B7AB



9A4B7A



665B54



E6E6E6



666666



# Same Dimension

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



9A6B4B



C97F4D



9A924B



4D4845



8C3900



0D0500



# Inverse Universe

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



4B7A9A



4D97C9



4B539A



45494D



00538C

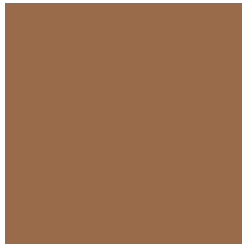


00080D



# Previews

## White Background



This preview shows how the Hex color 9A6B4B looks on a white background.

## Color Contrast Check

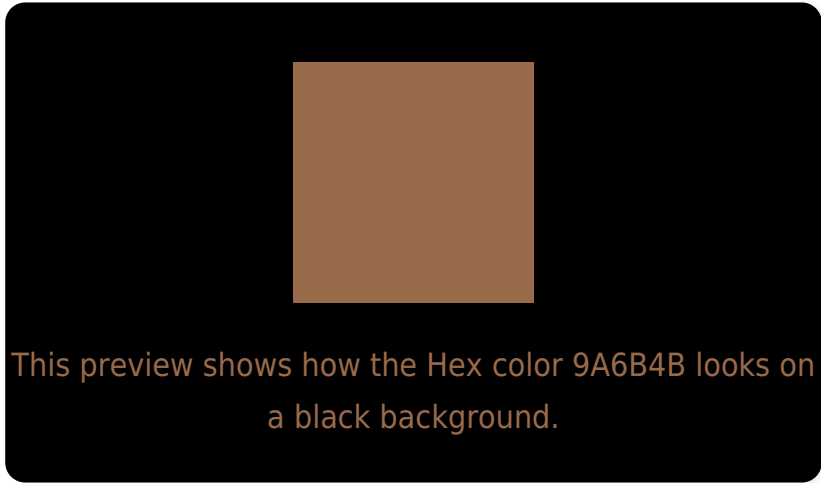
Large Text (above 18pt) WCAG AA ✓ Pass

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

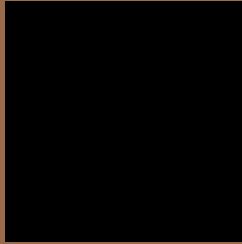
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A6B4B Background



This preview shows how black text looks on a background with the Hex color 9A6B4B.



This preview shows how white text looks on a background with the Hex color 9A6B4B.

# 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**  
9A6B4B

**Protanopia**  
80764F

**Deuteranopia**  
8E704A



**Tritanopia**  
9D666E

# Trichromacy



**Original Color**  
9A6B4B

**Protanomaly**  
89724E

**Deuteranomaly**  
926E4A

**Tritanomaly**  
9C6861

# Monochromacy



**Original Color**  
9A6B4B

**Achromatopsia**  
757575

**Achromatomaly**  
827166

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A6B4B 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 #9A6B4B looks like.

```
.text, #text, p{  
    color:#9A6B4B  
}
```

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 #9A6B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6B4B
}
```

## Border

The CSS property to change the border of an element to Hex 9A6B4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

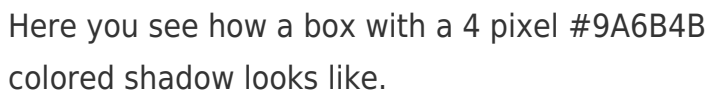
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A6B4B }
```

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

```
.border{ border-color:#9A6B4B }
```

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

A rectangular box with a 4px #9A6B4B shadow. The box is white with a thin brown border. The shadow is a darker brown color, applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #9A6B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6B4B; -webkit-box-shadow:4px 4px  
4px 4px #9A6B4B; box-shadow:4px 4px 4px  
4px #9A6B4B }
```

# Background

The CSS property to change the background color of an element to Hex 9A6B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6B4B }
```

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

```
.background{ background-color:#9A6B4B }
```

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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