

# Converting Colors

Hex(9B774A)

Have a look what the booklet for  
Hex(9B774A) contains.

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**Color**

**Hex(9B774A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B774A
RGB	155, 119, 74
RGB Percent	61%, 47%, 29%
CMY	0.3922, 0.5333, 0.7098
CMYK	0.00, 0.23, 0.52, 0.39
HSL	33°, 35%, 45%
HSV	33°, 52%, 61%
XYZ	21.3504, 20.6566, 9.3404
YIQ	124.6340, 35.9010, -6.3630

# Conversions

## Conversions Part 2

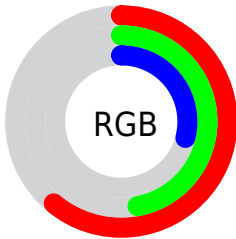
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 155, 74</a>
Decimal	<a href="#">10188618</a>
CIELab	<a href="#">52.57, 8.38, 30.02</a>
CIELCh	<a href="#">53, 31.167, 74.411</a>
Yxy	<a href="#">20.6566, 0.4158, 0.4023</a>
Android (android.graphics.Color)	<a href="#">4288378698 (0xFF9B774A)</a>
YUV	<a href="#">124.6340, -24.9626, 26.6310</a>
Hunter-Lab	<a href="#">45.4496, 4.3156, 19.6299</a>

# Details

The Hex color **9B774A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4A6E9B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D3AB7C**, and **65471C** is the 20% darker color. If you saturate the color by 10%, you get **9B703B**, and if you desaturate by 10%, it is **9B7E5A**.

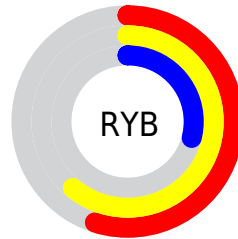
# Distribution



Red (61%)

Green (47%)

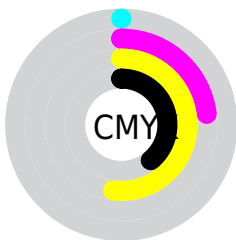
Blue (29%)



Red (55%)

Yellow (61%)

Blue (29%)

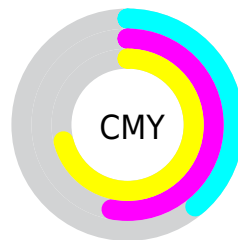


Cyan (0%)

Magenta (23%)

Yellow (52%)

Black (39%)



Cyan (39%)

Magenta (53%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B774A 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 9B774A by changing the saturation by 10% instead.





9B774A



9B774A

FFFFFF



805E33



D3AB7C



65471C



F0C696



4C3004



FFE2B1



331B00



FFFCC



1B0200



FFFEE8



000000



9B774A



9B774A



9B703B



9B7E5A



9B692B



9B8569

 9B621C

 9B8C79

 9B5B0C

 9B9388

 9B5600

 9B9998

 9BA0A7

 9BA7B7

 9BAEC6

 9BB5D5

# Harmonies

## Analogous

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



AC6E59



9B774A



828049

# Triad

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



9B774A



158C8A



9172A4

# Complementary

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



9B774A



4A6E9B

# 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.



6B7CB1



9B774A



008AA2

# Square

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



9B774A



428B6E



3C84B0



A96A8D

# Rectangle

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



9B774A



6F8550



3C84B0



8675AA



# Sweetspot

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



9B774A



C9BBA9



9B4A6E



665D53



E6E6E6



666666



# Same Dimension

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



9B774A



C9914B



979B4A



4D4945



8C4E00



0D0700



# Inverse Universe

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



4A6E9B



4B83C9



4E4A9B



45484D



003E8C



00060D



# Previews

## White Background



This preview shows how the Hex color 9B774A looks on a white background.

## Color Contrast Check

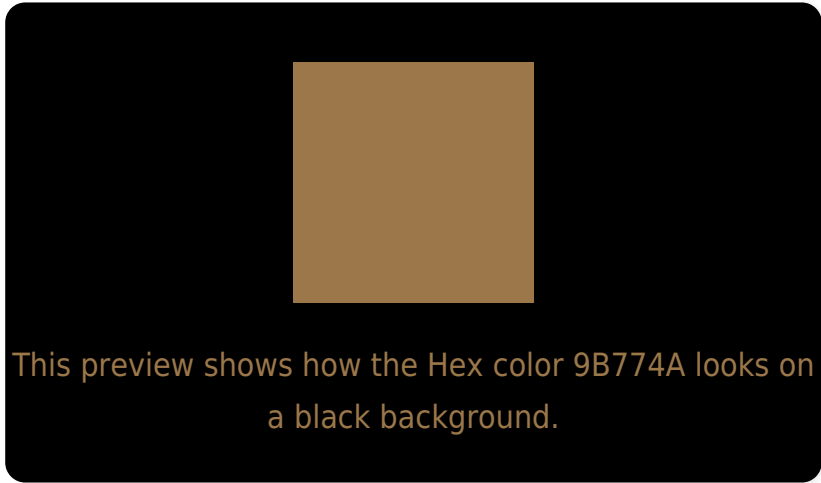
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B774A Background



This preview shows how black text looks on a background with the Hex color 9B774A.



This preview shows how white text looks on a background with the Hex color 9B774A.

# 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**  
9B774A

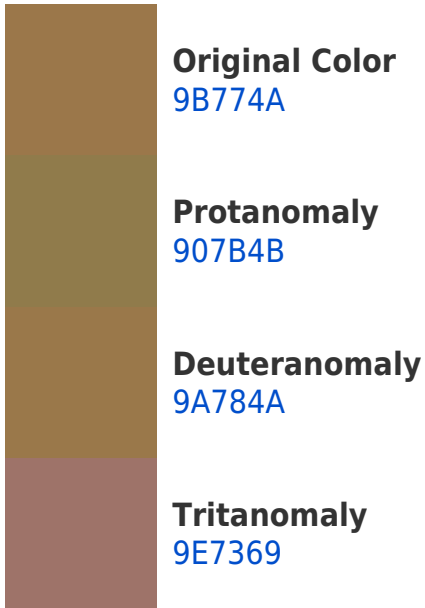
**Protanopia**  
897E4C

**Deuteranopia**  
99784A

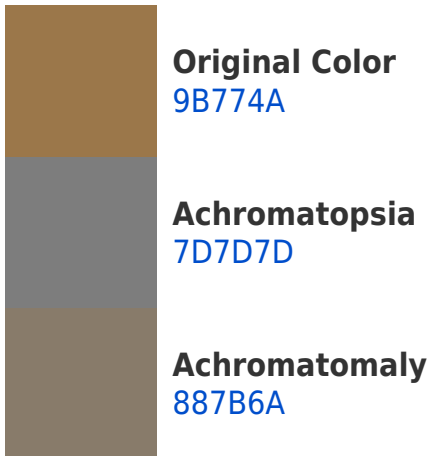


**Tritanopia**  
9F717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B774A 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 #9B774A looks like.

```
.text, #text, p{  
    color:#9B774A  
}
```

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 #9B774A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B774A
}
```

## Border

The CSS property to change the border of an element to Hex 9B774A 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
#9B774A }
```

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

```
.border{ border-color:#9B774A }
```

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

Here you see how a box with a 4 pixel #9B774A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B774A; -webkit-box-shadow:4px 4px  
4px 4px #9B774A; box-shadow:4px 4px 4px  
4px #9B774A }
```

# Background

The CSS property to change the background color of an element to Hex 9B774A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B774A }
```

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

```
.background{ background-color:#9B774A }
```

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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