

# Converting Colors

Hex(9C6E44)

Have a look what the booklet for  
Hex(9C6E44) contains.

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**Color**

**Hex(9C6E44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C6E44
RGB	156, 110, 68
RGB Percent	61%, 43%, 27%
CMY	0.3882, 0.5686, 0.7333
CMYK	0.00, 0.29, 0.56, 0.39
HSL	29°, 39%, 44%
HSV	29°, 56%, 61%
XYZ	20.3296, 18.6371, 7.9947
YIQ	118.9660, 40.8980, -3.3100

# Conversions

## Conversions Part 2

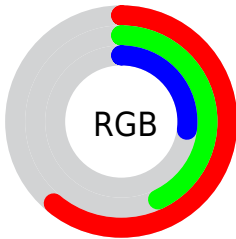
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 148, 68
Decimal	10251844
CIE <sub>Lab</sub>	50.26, 13.42, 30.49
CIE <sub>LCh</sub>	50, 33.314, 66.250
Yxy	18.6371, 0.4329, 0.3969
Android (android.graphics.Color)	4288441924 (0xFF9C6E44)
YUV	118.9660, -25.1262, 32.4788
Hunter-Lab	43.1707, 8.5090, 19.2398

# Details

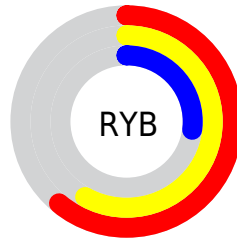
The Hex color **9C6E44** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **44729C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D5A275**, and **663E17** is the 20% darker color. If you saturate the color by 10%, you get **9C6634**, and if you desaturate by 10%, it is **9C7654**.

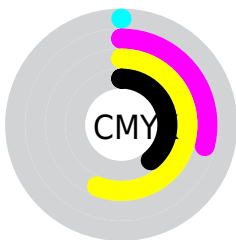
# Distribution



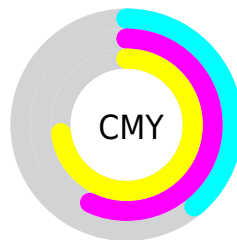
- Red (61%)
- Green (43%)
- Blue (27%)



- Red (61%)
- Yellow (58%)
- Blue (27%)



- Cyan (0%)
- Magenta (29%)
- Yellow (56%)
- Black (39%)



- Cyan (39%)
- Magenta (57%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C6E44 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 9C6E44 by changing the saturation by 10% instead.



 9C6E44

 9C6E44

FFFFFF

 80562D

 D5A275

 663E17

 F2BD8F

 4C2800

 FFD8AA

 321400

 FFF5C5

 1B0000

 FFFFE1

 000000

FFFFFFE

 9C6E44

 9C6E44

 9C6634

 9C7654

 9C5E25

 9C7E63

 9C5615

 9C8673

 9C4D06

 9C8F82

 9C4A00

 9C9792

 9C9FA2

 9CA7B1

 9CAFC1

 9CB7D0

# Harmonies

## Analogous

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



AB6558



9C6E44



84783E

# Triad

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



9C6E44



00867D



826EA5

# Complementary

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



9C6E44



44729C

# 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.



5678B0



9C6E44



008598

# Square

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



9C6E44



418560



0F81AB



A0648F

# Rectangle

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



9C6E44



707D43



0F81AB



7572AA



# Sweetspot

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



9C6E44



CCBAA9



9C4473



665B52



E6E6E6



666666



# Same Dimension

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



9C6E44



CC8341



9C9944



4F4B47



8F4400



0F0700



# Inverse Universe

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



44729C



418ACC



44479C



474B4F



004B8F



00080F



# Previews

## White Background



This preview shows how the Hex color 9C6E44 looks on a white background.

## Color Contrast Check

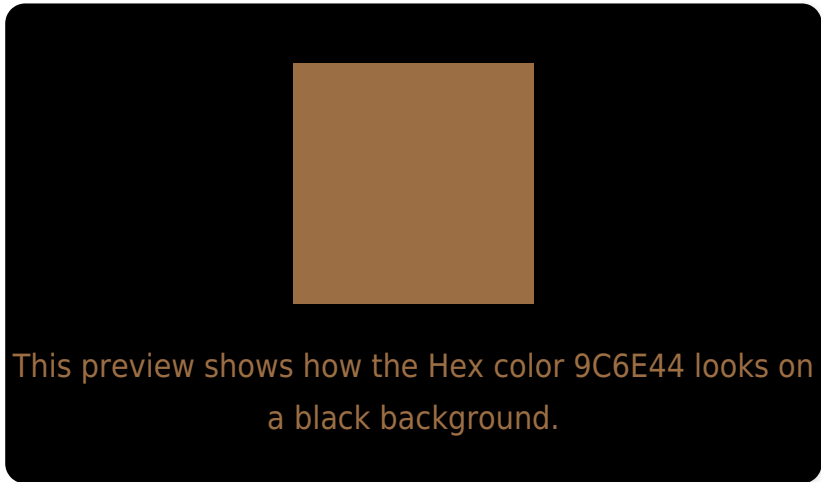
Large Text (above 18pt) WCAG AA ✓ Pass

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

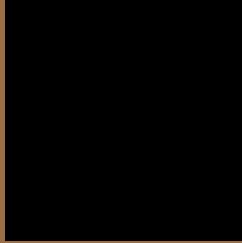
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C6E44 Background



This preview shows how black text looks on a background with the Hex color 9C6E44.



This preview shows how white text looks on a background with the Hex color 9C6E44.

# 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**  
9C6E44

**Protanopia**  
837848

**Deuteranopia**  
927243



**Tritanopia**  
9F6971

# Trichromacy



**Original Color**  
9C6E44

**Protanomaly**  
8C7447

**Deuteranomaly**  
967143

**Tritanomaly**  
9E6B61

# Monochromacy



**Original Color**  
9C6E44

**Achromatopsia**  
777777

**Achromatomaly**  
847464

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C6E44 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 #9C6E44 looks like.

```
.text, #text, p{  
    color:#9C6E44  
}
```

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 #9C6E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6E44
}
```

## Border

The CSS property to change the border of an element to Hex 9C6E44 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
#9C6E44 }
```

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

```
.border{ border-color:#9C6E44 }
```

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

Here you see how a box with a 4 pixel #9C6E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6E44; -webkit-box-shadow:4px 4px  
4px 4px #9C6E44; box-shadow:4px 4px 4px  
4px #9C6E44 }
```

# Background

The CSS property to change the background color of an element to Hex 9C6E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6E44 }
```

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

```
.background{ background-color:#9C6E44 }
```

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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