

# Converting Colors

Hex(9C8445)

Have a look what the booklet for  
Hex(9C8445) contains.

<b>Hex(9C8445)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9C8445)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8445
RGB	156, 132, 69
RGB Percent	61%, 52%, 27%
CMY	0.3882, 0.4824, 0.7294
CMYK	0.00, 0.15, 0.56, 0.39
HSL	43°, 39%, 44%
HSV	43°, 56%, 61%
XYZ	23.0357, 24.0001, 9.0486
YIQ	131.9940, 34.5270, -14.5050

# Conversions

## Conversions Part 2

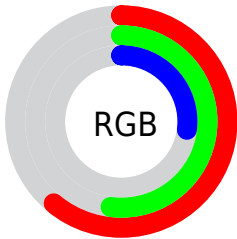
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 156, 69
Decimal	10257477
CIELab	56.09, 1.02, 37.01
CIELCh	56, 37.026, 88.429
Yxy	24.0001, 0.4107, 0.4279
Android (android.graphics.Color)	4288447557 (0xFF9C8445)
YUV	131.9940, -31.0560, 21.0533
Hunter-Lab	48.9899, -1.7992, 23.3419

# Details

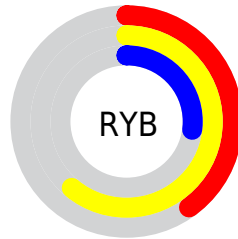
The Hex color **9C8445** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **455D9C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D4B977**, and **665315** is the 20% darker color. If you saturate the color by 10%, you get **9C8035**, and if you desaturate by 10%, it is **9C8855**.

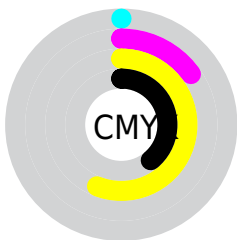
# Distribution



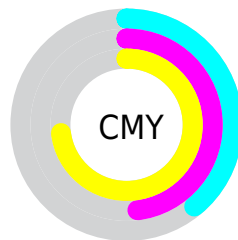
- Red (61%)
- Green (52%)
- Blue (27%)



- Red (40%)
- Yellow (61%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (56%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8445 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 9C8445 by changing the saturation by 10% instead.





9C8445



9C8445

FFFFFF



816B2D



D4B977



665315



F2D491



4D3C00



FFF1AC



342600



FFFFC8



1B1200



FFFFE4



000000



9C8445



9C8445



9C8035



9C8855



9C7B26



9C8D64

 9C7716

 9C9174

 9C7307

 9C9583

 9C7100

 9C9A93

 9C9EA3

 9CA2B2

 9CA6C2

 9CABD1

# Harmonies

## Analogous

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



B57950



9C8445



7B8E4C

# Triad

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



9C8445



0097A4



AD73A9

# Complementary

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



9C8445



455D9C

# 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.



877FBF



9C8445



0092BD

# Square

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



9C8445



189784



4F8AC6



C16D89

# Rectangle

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



9C8445



62925A



4F8AC6



A277B1



# Sweetspot

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



9C8445



CCC2A9



9C455E



666052



E6E6E6



666666



# Same Dimension

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



9C8445



CCA643



899C45



4F4D47



8F6700



0F0B00



# Inverse Universe

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



455D9C



4369CC



58459C



47494F



00278F



00040F



# Previews

## White Background



This preview shows how the Hex color 9C8445 looks on a white background.

## Color Contrast Check

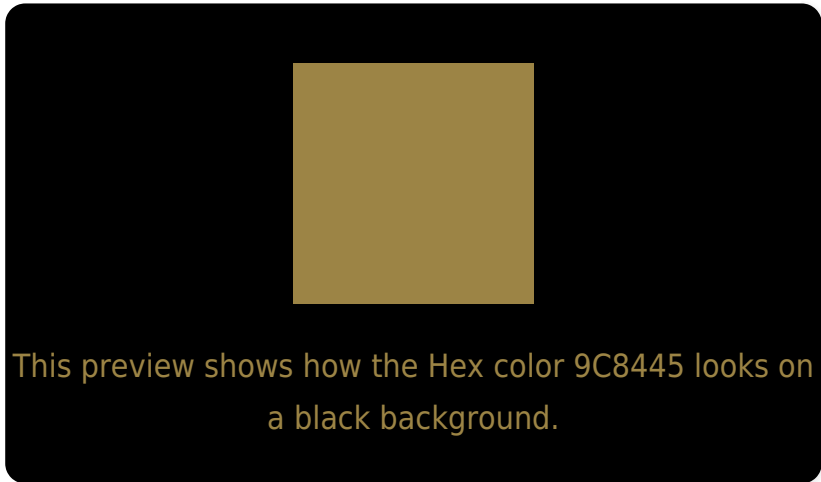
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C8445 Background



This preview shows how black text looks on a background with the Hex color 9C8445.



This preview shows how white text looks on a background with the Hex color 9C8445.

# 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**  
9C8445

**Protanopia**  
958746

**Deuteranopia**  
A58046



**Tritanopia**  
A27D86

# Trichromacy



**Original Color**  
9C8445

**Protanomaly**  
988646

**Deuteranomaly**  
A28146

**Tritanomaly**  
A0806E

# Monochromacy



**Original Color**  
9C8445

**Achromatopsia**  
848484

**Achromatomaly**  
8D846D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8445 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 #9C8445 looks like.

```
.text, #text, p{  
    color:#9C8445  
}
```

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 #9C8445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8445
}
```

## Border

The CSS property to change the border of an element to Hex 9C8445 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
#9C8445 }
```

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

```
.border{ border-color:#9C8445 }
```

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

Here you see how a box with a 4 pixel #9C8445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8445; -webkit-box-shadow:4px 4px  
4px 4px #9C8445; box-shadow:4px 4px 4px  
4px #9C8445 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8445 }
```

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

```
.background{ background-color:#9C8445 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor