

# Converting Colors

Hex(9C8754)

Have a look what the booklet for  
Hex(9C8754) contains.

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**Color**

**Hex(9C8754)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8754
RGB	156, 135, 84
RGB Percent	61%, 53%, 33%
CMY	0.3882, 0.4706, 0.6706
CMYK	0.00, 0.13, 0.46, 0.39
HSL	42°, 30%, 47%
HSV	42°, 46%, 61%
XYZ	23.9745, 25.0360, 11.9563
YIQ	135.4650, 28.8870, -11.4090

# Conversions

## Conversions Part 2

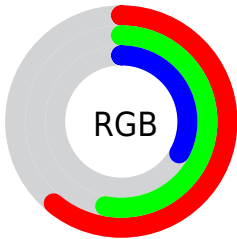
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 156, 84</a>
Decimal	<a href="#">10258260</a>
CIELab	<a href="#">57.11, 0.79, 30.28</a>
CIELCh	<a href="#">57, 30.290, 88.512</a>
Yxy	<a href="#">25.0360, 0.3932, 0.4106</a>
Android (android.graphics.Color)	<a href="#">4288448340 (0xFF9C8754)</a>
YUV	<a href="#">135.4650, -25.3722, 18.0092</a>
Hunter-Lab	<a href="#">50.0359, -2.0354, 20.8575</a>

# Details

The Hex color **9C8754** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54699C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D4BC86**, and **675625** is the 20% darker color. If you saturate the color by 10%, you get **9C8244**, and if you desaturate by 10%, it is **9C8C64**.

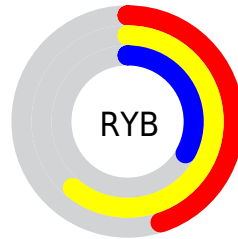
# Distribution



Red (61%)

Green (53%)

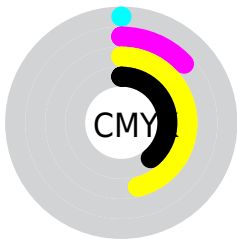
Blue (33%)



Red (45%)

Yellow (61%)

Blue (33%)

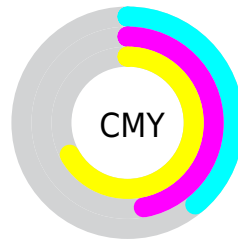


Cyan (0%)

Magenta (13%)

Yellow (46%)

Black (39%)



Cyan (39%)

Magenta (47%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8754 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 9C8754 by changing the saturation by 10% instead.





9C8754



9C8754

FFFFFF



816E3C



D4BC86



675625



F1D8A1



4E3E0E



FFF4BC



362900



FFFFD8



1E1500



FFFFFF5



000000



9C8754



9C8754



9C8244



9C8C64



9C7E35



9C9073

 9C7925

 9C9583

 9C7516

 9C9992

 9C7006

 9C9EA2

 9C6F00

 9CA2B2

 9CA7C1

 9CABD1

 9CB0E0

# Harmonies

## Analogous

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



B17E5D



9C8754



818F5A

# Triad

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



9C8754



2597A1



A97AA5

# Complementary

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



9C8754



54699C

# 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.



8A83B7



9C8754



3793B5

# Square

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



9C8754



409787



628CBD



BA758B

# Rectangle

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



9C8754



6C9365



628CBD



A07CAC



# Sweetspot

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



9C8754



CCC4AF



9C546A



666155



E6E6E6



666666



# Same Dimension

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



9C8754



CCAB5C



8E9C54



4F4D47



8F6500



0F0B00



# Inverse Universe

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



54699C



5C7DCC



62549C



47494F



002A8F



00040F



# Previews

## White Background



This preview shows how the Hex color 9C8754 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

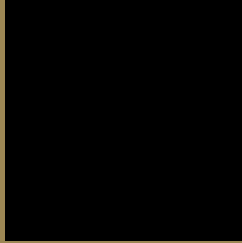
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C8754 Background



This preview shows how black text looks on a background with the Hex color 9C8754.



This preview shows how white text looks on a background with the Hex color 9C8754.

# 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**  
9C8754

**Protanopia**  
968955

**Deuteranopia**  
A68355



**Tritanopia**  
A1808A

# Trichromacy



**Original Color**  
9C8754

**Protanomaly**  
988855

**Deuteranomaly**  
A28455

**Tritanomaly**  
9F8376

# Monochromacy



**Original Color**  
9C8754

**Achromatopsia**  
878787

**Achromatomaly**  
8F8774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8754 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 #9C8754 looks like.

```
.text, #text, p{  
    color:#9C8754  
}
```

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 #9C8754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8754
}
```

## Border

The CSS property to change the border of an element to Hex 9C8754 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
#9C8754 }
```

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

```
.border{ border-color:#9C8754 }
```

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

Here you see how a box with a 4 pixel #9C8754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8754; -webkit-box-shadow:4px 4px  
4px 4px #9C8754; box-shadow:4px 4px 4px  
4px #9C8754 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8754 }
```

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

```
.background{ background-color:#9C8754 }
```

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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