

# Converting Colors

Hex(9D8B74)

Have a look what the booklet for  
Hex(9D8B74) contains.

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**Color**

**Hex(9D8B74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D8B74
RGB	157, 139, 116
RGB Percent	62%, 55%, 45%
CMY	0.3843, 0.4549, 0.5451
CMYK	0.00, 0.11, 0.26, 0.38
HSL	34°, 17%, 54%
HSV	34°, 26%, 62%
XYZ	26.2896, 26.8943, 20.3285
YIQ	141.7600, 18.1110, -3.3370

# Conversions

## Conversions Part 2

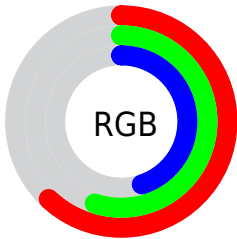
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 157, 116
Decimal	10324852
CIE <sub>Lab</sub>	58.88, 3.03, 14.79
CIE <sub>LCh</sub>	59, 15.096, 78.411
Yxy	26.8943, 0.3576, 0.3658
Android (android.graphics.Color)	4288514932 (0xFF9D8B74)
YUV	141.7600, -12.6997, 13.3655
Hunter-Lab	51.8597, -0.2661, 13.0607

# Details

The Hex color **9D8B74** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **74869D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D4C0A8**, and **695944** is the 20% darker color. If you saturate the color by 10%, you get **9D8464**, and if you desaturate by 10%, it is **9D9284**.

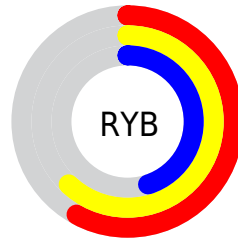
# Distribution



Red (62%)

Green (55%)

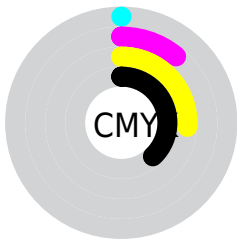
Blue (45%)



Red (58%)

Yellow (62%)

Blue (45%)

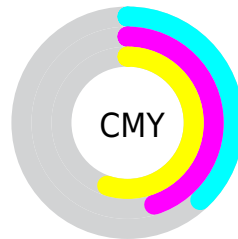


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D8B74 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 9D8B74 by changing the saturation by 10% instead.





9D8B74



9D8B74

FFFFFF



83725B



D4C0A8



695944



F1DCC3



50422D



FFF9DF



392C18



FFFFFC



241700



000000



9D8B74



9D8B74



9D8464



9D9284



9D7D55



9D9993

 9D7645

 9DA0A3

 9D6F35

 9DA7B3

 9D6925

 9DADC3

 9D6216

 9DB4D2

 9D5B06

 9DBBE2

 9D5800

 9DC2F2

 9DC9FF

# Harmonies

## Analogous

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



A6877A



9D8B74



8F8F74

# Triad

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



9D8B74



6B9595



9A889F

# Complementary

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



9D8B74



74869D

# 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.



898CA7



9D8B74



6D94A1

# Square

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



9D8B74



739588



7990A7



A58593

# Rectangle

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



9D8B74



859279



7990A7



9589A2



# Sweetspot

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



9D8B74



CCC5BC



9D7486



66625C



E6E6E6



666666



# Same Dimension

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



9D8B74



CCB08D



9B9D74



4F4C47



8F5000



0F0900



# Inverse Universe

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



74869D



8DA9CC



76749D



474B4F



003F8F

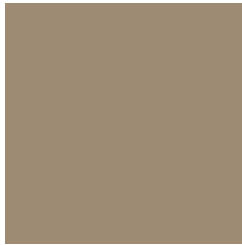


00070F



# Previews

## White Background



This preview shows how the Hex color 9D8B74 looks on a white background.

## Color Contrast Check

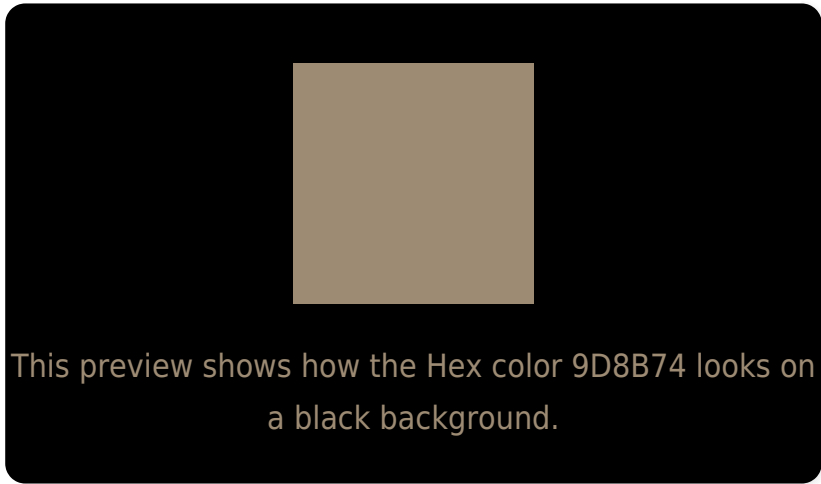
Large Text (above 18pt) WCAG AA ✓ Pass

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

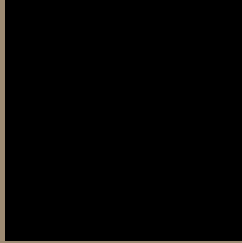
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D8B74 Background



This preview shows how black text looks on a background with the Hex color 9D8B74.



This preview shows how white text looks on a background with the Hex color 9D8B74.

# 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**  
9D8B74

**Protanopia**  
968D75

**Deuteranopia**  
A48875



**Tritanopia**  
A18791

# Trichromacy



**Original Color**  
9D8B74

**Protanomaly**  
998C75

**Deuteranomaly**  
A18975

**Tritanomaly**  
A08886

# Monochromacy



**Original Color**  
9D8B74

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
938D85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D8B74 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 #9D8B74 looks like.

```
.text, #text, p{  
    color:#9D8B74  
}
```

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 #9D8B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8B74
}
```

## Border

The CSS property to change the border of an element to Hex 9D8B74 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
#9D8B74 }
```

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

```
.border{ border-color:#9D8B74 }
```

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

Here you see how a box with a 4 pixel #9D8B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8B74; -webkit-box-shadow:4px 4px  
4px 4px #9D8B74; box-shadow:4px 4px 4px  
4px #9D8B74 }
```

# Background

The CSS property to change the background color of an element to Hex 9D8B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8B74 }
```

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

```
.background{ background-color:#9D8B74 }
```

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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