

# Converting Colors

Hex(9B8476)

Have a look what the booklet for  
Hex(9B8476) contains.

<b>Hex(9B8476)</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(9B8476)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B8476
RGB	155, 132, 118
RGB Percent	61%, 52%, 46%
CMY	0.3922, 0.4824, 0.5373
CMYK	0.00, 0.15, 0.24, 0.39
HSL	23°, 16%, 54%
HSV	23°, 24%, 61%
XYZ	25.0388, 24.7791, 20.6027
YIQ	137.2810, 18.2020, 0.5220

# Conversions

## Conversions Part 2

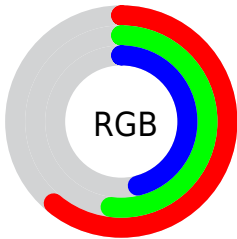
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	155, 141, 118
Decimal	10191990
CIE <sub>Lab</sub>	56.86, 6.48, 10.80
CIE <sub>LCh</sub>	57, 12.592, 59.054
Yxy	24.7791, 0.3556, 0.3519
Android (android.graphics.Color)	4288382070 (0xFF9B8476)
YUV	137.2810, -9.5055, 15.5396
Hunter-Lab	49.7786, 2.6737, 10.3057

# Details

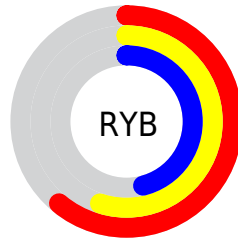
The Hex color **9B8476** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **768D9B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D2B9AA**, and **675346** is the 20% darker color. If you saturate the color by 10%, you get **9B7A67**, and if you desaturate by 10%, it is **9B8E86**.

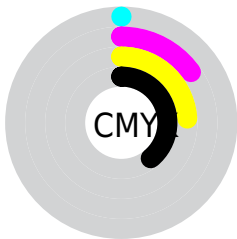
# Distribution



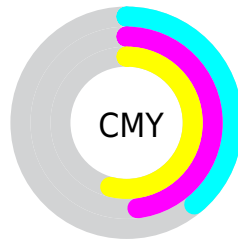
- Red (61%)
- Green (52%)
- Blue (46%)



- Red (61%)
- Yellow (55%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8476 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 9B8476 by changing the saturation by 10% instead.



 9B8476

 9B8476

FFFFFF

 816B5D

 D2B9AA

 675346

 EED5C5

 4F3C2F

 FFF1E1

 37261A

FFFFFFE

 231100

 000000

 9B8476

 9B8476

 9B7A67

 9B8E86

 9B7157

 9B9795

 9B6748

 9BA1A4

 9B5D38

 9BABB4

 9B5429

 9BB4C3

 9B4A19

 9BBED3

 9B410A

 9BC7E3

 9B3B00

 9BD1F2

 9BDBFF

# Harmonies

## Analogous

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



A0827E



9B8476



928873

# Triad

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



9B8476



6F8F88



8A869C

# Complementary

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



9B8476



768D9B

# 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.



7C899E



9B8476



6C8F93

# Square

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



9B8476



798E7D



718D9B



978394

# Rectangle

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



9B8476



8A8A74



718D9B



85879D



# Sweetspot

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



9B8476



C9C1BB



9B768D



66615E



E6E6E6



666666



# Same Dimension

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



9B8476



C9A58F



9B9676



4D4845



8C3500



0D0500



# Inverse Universe

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



768D9B



8FB3C9



767B9B



454A4D



00578C



00080D



# Previews

## White Background



This preview shows how the Hex color 9B8476 looks on a white background.

## Color Contrast Check

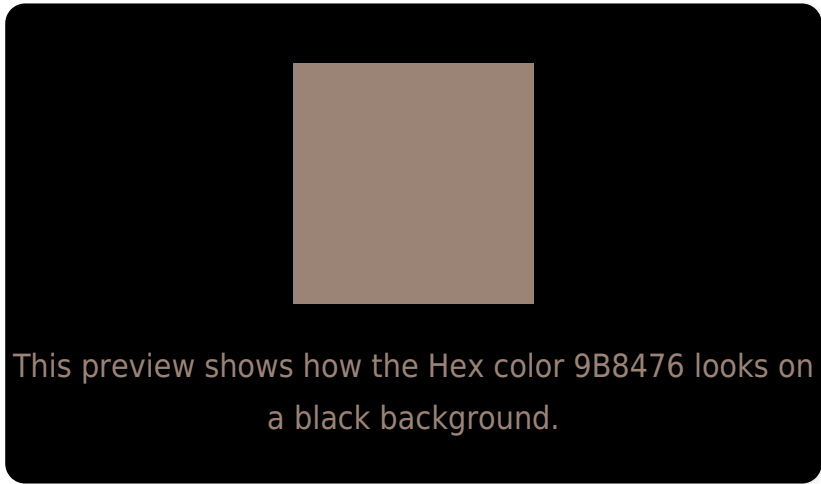
Large Text (above 18pt) WCAG AA ✓ Pass

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

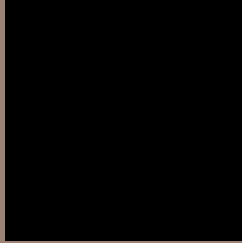
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B8476 Background



This preview shows how black text looks on a background with the Hex color 9B8476.



This preview shows how white text looks on a background with the Hex color 9B8476.

# 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**  
9B8476

**Protanopia**  
8F8878

**Deuteranopia**  
9C8376



**Tritanopia**  
9D818B

# Trichromacy



**Original Color**  
9B8476

**Protanomaly**  
938777

**Deuteranomaly**  
9C8376

**Tritanomaly**  
9C8283

# Monochromacy



**Original Color**  
9B8476

**Achromatopsia**  
898989

**Achromatomaly**  
908782

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8476 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 #9B8476 looks like.

```
.text, #text, p{  
    color:#9B8476  
}
```

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 #9B8476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8476
}
```

## Border

The CSS property to change the border of an element to Hex 9B8476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

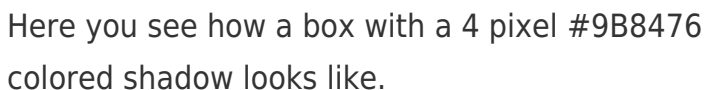
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B8476 }
```

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

```
.border{ border-color:#9B8476 }
```

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



Here you see how a box with a 4 pixel #9B8476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8476; -webkit-box-shadow:4px 4px  
4px 4px #9B8476; box-shadow:4px 4px 4px  
4px #9B8476 }
```

# Background

The CSS property to change the background color of an element to Hex 9B8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8476 }
```

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

```
.background{ background-color:#9B8476 }
```

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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