

# Converting Colors

Hex(9A8475)

Have a look what the booklet for  
Hex(9A8475) contains.

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**Color**

**Hex(9A8475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8475
RGB	154, 132, 117
RGB Percent	60%, 52%, 46%
CMY	0.3961, 0.4824, 0.5412
CMYK	0.00, 0.14, 0.24, 0.40
HSL	24°, 15%, 53%
HSV	24°, 24%, 60%
XYZ	24.7886, 24.6569, 20.2824
YIQ	136.8680, 17.9270, -0.0010

# Conversions

## Conversions Part 2

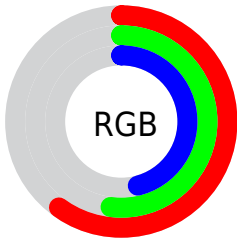
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 142, 117
Decimal	10126453
CIELab	56.74, 5.92, 11.19
CIELCh	57, 12.661, 62.118
Yxy	24.6569, 0.3555, 0.3536
Android (android.graphics.Color)	4288316533 (0xFF9A8475)
YUV	136.8680, -9.7949, 15.0248
Hunter-Lab	49.6557, 2.2113, 10.5414

# Details

The Hex color **9A8475** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **758B9A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D1B9A9**, and **665345** is the 20% darker color. If you saturate the color by 10%, you get **9A7B66**, and if you desaturate by 10%, it is **9A8D84**.

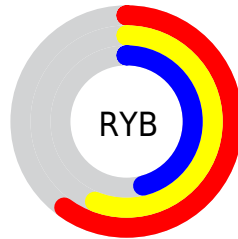
# Distribution



Red (60%)

Green (52%)

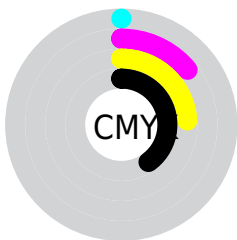
Blue (46%)



Red (60%)

Yellow (56%)

Blue (46%)

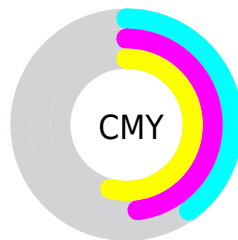


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (48%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8475 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 9A8475 by changing the saturation by 10% instead.



 9A8475

 9A8475

FFFFFF

 806B5C

 D1B9A9

 665345

 EDD5C4

 4E3C2E

 FFF1E0

 36261A

FFFFFFD

 221100

 000000

 9A8475

 9A8475

 9A7B66

 9A8D84

 9A7256

 9A9694

 9A6947

 9A9FA3

 9A5F37

 9AA9B3

 9A5628

 9AB2C2

 9A4D19

 9ABBD1

 9A4409

 9AC4E1

 9A3E00

 9ACDF0

 9AD6FF

# Harmonies

## Analogous

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



9F817D



9A8475



908872

# Triad

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



9A8475



6E8F89



8B859B

# Complementary

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



9A8475



758B9A

# 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.



7D899E



9A8475



6C8E93

# Square

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



9A8475



788E7E



718C9B



978293

# Rectangle

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



9A8475



888A74



718C9B



87869C



# Sweetspot

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



9A8475



C9C1BB



9A758B



66615E



E6E6E6



666666



# Same Dimension

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



9A8475



C9A78F



9A9675



4D4845



8C3900



0D0500



# Inverse Universe

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



758B9A



8FB2C9



75799A



45494D



00538C



00080D



# Previews

## White Background



This preview shows how the Hex color 9A8475 looks on a white background.

## Color Contrast Check

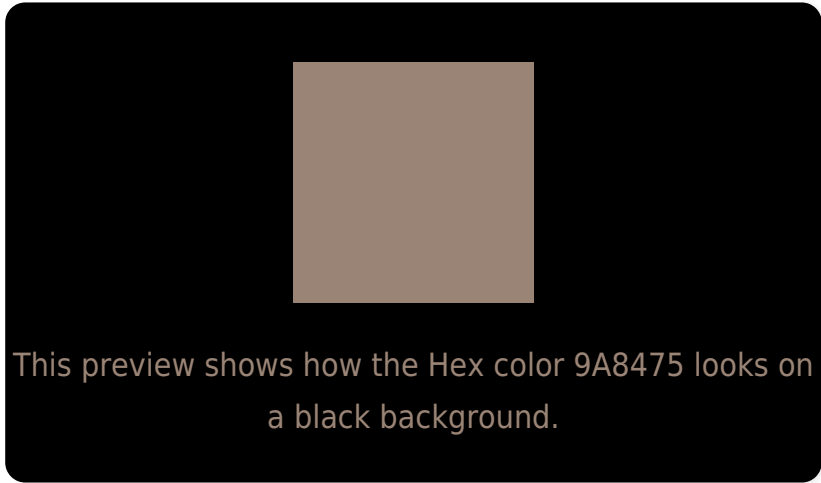
Large Text (above 18pt) WCAG AA ✓ Pass

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

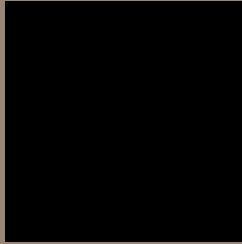
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A8475 Background



This preview shows how black text looks on a background with the Hex color 9A8475.



This preview shows how white text looks on a background with the Hex color 9A8475.

# 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**  
9A8475

**Protanopia**  
8F8877

**Deuteranopia**  
9C8375



**Tritanopia**  
9D818B

# Trichromacy



**Original Color**  
9A8475

**Protanomaly**  
938776

**Deuteranomaly**  
9B8375

**Tritanomaly**  
9C8283

# Monochromacy



**Original Color**  
9A8475

**Achromatopsia**  
898989

**Achromatomaly**  
8F8782

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8475 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 #9A8475 looks like.

```
.text, #text, p{  
    color:#9A8475  
}
```

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 #9A8475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8475
}
```

## Border

The CSS property to change the border of an element to Hex 9A8475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

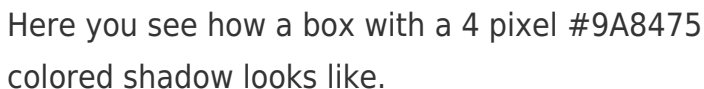
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A8475 }
```

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

```
.border{ border-color:#9A8475 }
```

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



Here you see how a box with a 4 pixel #9A8475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8475; -webkit-box-shadow:4px 4px  
4px 4px #9A8475; box-shadow:4px 4px 4px  
4px #9A8475 }
```

# Background

The CSS property to change the background color of an element to Hex 9A8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8475 }
```

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

```
.background{ background-color:#9A8475 }
```

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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