

# Converting Colors

Hex(9A8381)

Have a look what the booklet for  
Hex(9A8381) contains.

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**Color**

**Hex(9A8381)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8381
RGB	154, 131, 129
RGB Percent	60%, 51%, 51%
CMY	0.3961, 0.4863, 0.4941
CMYK	0.00, 0.15, 0.16, 0.40
HSL	5°, 11%, 55%
HSV	5°, 16%, 60%
XYZ	25.4052, 24.6876, 24.1951
YIQ	137.6490, 14.3500, 4.2540

# Conversions

## Conversions Part 2

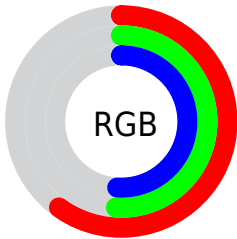
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 131, 129
Decimal	10126209
CIE <sub>Lab</sub>	56.77, 8.42, 4.33
CIE <sub>LCh</sub>	57, 9.464, 27.197
Yxy	24.6876, 0.3420, 0.3323
Android (android.graphics.Color)	4288316289 (0xFF9A8381)
YUV	137.6490, -4.2640, 14.3398
Hunter-Lab	49.6866, 4.3169, 5.9092

# Details

The Hex color **9A8381** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **81989A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D1B8B6**, and **675250** is the 20% darker color. If you saturate the color by 10%, you get **9A7572**, and if you desaturate by 10%, it is **9A9190**.

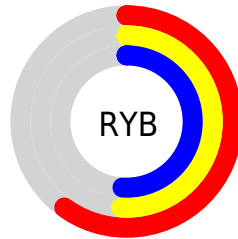
# Distribution



Red (60%)

Green (51%)

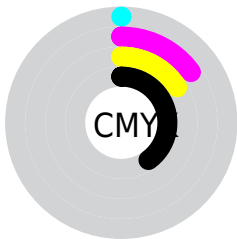
Blue (51%)



Red (60%)

Yellow (51%)

Blue (51%)

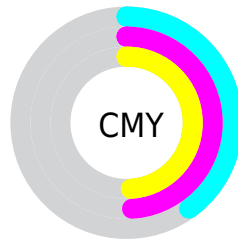


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (40%)



Cyan (40%)

Magenta (49%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8381 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 9A8381 by changing the saturation by 10% instead.





9A8381



9A8381

FFFFFF



806A68



D1B8B6



675250



EDD4D1



4E3B39



FFF0EE



372524



22100E



000000



9A8381



9A8381



9A7572



9A9190



9A6762



9A9FA0

 9A5853

 9AAEAF

 9A4A43

 9ABCBF

 9A3C34

 9ACACE

 9A2E25

 9AD8DD

 9A2015

 9AE6ED

 9A1206

 9AF4FC

 9A0C00

 9AFFFF

# Harmonies

## Analogous

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



988389



9A8381



97857B

# Triad

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



9A8381



7D8C7F



7F8998

# Complementary

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



9A8381



81989A

# 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.



778B96



9A8381



768D87

# Square

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



9A8381



878A79



738D8F



898697

# Rectangle

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



9A8381



938678



738D8F



7C8A98



# Sweetspot

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



9A8381



C9C0BF



9A8198



666060



E6E6E6



666666



# Same Dimension

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



9A8381



C9A6A3



9A8F81



4D4545



8C0B00



0D0100



# Inverse Universe

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



81989A



A3C6C9



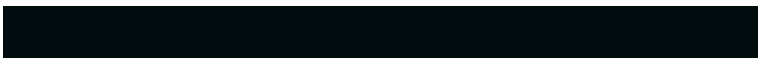
818C9A



454C4D



00818C



000C0D



# Previews

## White Background



This preview shows how the Hex color 9A8381 looks on a white background.

## Color Contrast Check

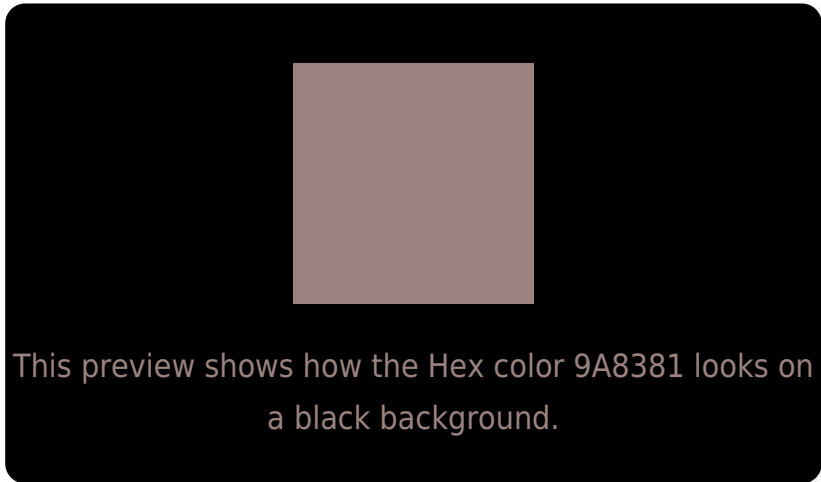
Large Text (above 18pt) WCAG AA ✓ Pass

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

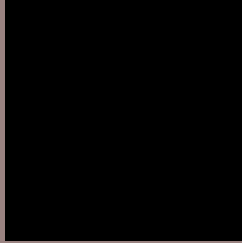
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A8381 Background



This preview shows how black text looks on a background with the Hex color 9A8381.



This preview shows how white text looks on a background with the Hex color 9A8381.

# 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**  
9A8381

**Protanopia**  
8C8884

**Deuteranopia**  
988481



**Tritanopia**  
9B818B

# Trichromacy



**Original Color**  
9A8381

**Protanomaly**  
918683

**Deuteranomaly**  
998481

**Tritanomaly**  
9B8287

# Monochromacy



**Original Color**  
9A8381

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
908787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8381 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 #9A8381 looks like.

```
.text, #text, p{  
    color:#9A8381  
}
```

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 #9A8381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8381
}
```

## Border

The CSS property to change the border of an element to Hex 9A8381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

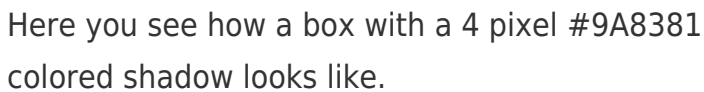
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A8381 }
```

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

```
.border{ border-color:#9A8381 }
```

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



Here you see how a box with a 4 pixel #9A8381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8381; -webkit-box-shadow:4px 4px  
4px 4px #9A8381; box-shadow:4px 4px 4px  
4px #9A8381 }
```

# Background

The CSS property to change the background color of an element to Hex 9A8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8381 }
```

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

```
.background{ background-color:#9A8381 }
```

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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