

# Converting Colors

Hex(9D8C81)

Have a look what the booklet for  
Hex(9D8C81) contains.

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# Color

Hex(9D8C81)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D8C81
RGB	157, 140, 129
RGB Percent	62%, 55%, 51%
CMY	0.3843, 0.4510, 0.4941
CMYK	0.00, 0.11, 0.18, 0.38
HSL	24°, 13%, 56%
HSV	24°, 18%, 62%
XYZ	27.2452, 27.5092, 24.6427
YIQ	143.8290, 13.6630, 0.1830

# Conversions

## Conversions Part 2

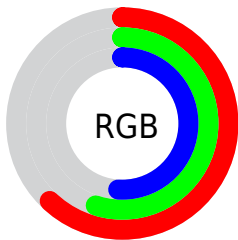
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 147, 129
Decimal	10325121
CIE Lab	59.44, 4.49, 8.19
CIE LCh	59, 9.342, 61.265
Yxy	27.5092, 0.3432, 0.3465
Android (android.graphics.Color)	4288515201 (0xFF9D8C81)
YUV	143.8290, -7.3107, 11.5510
Hunter-Lab	52.4493, 0.9370, 8.8577

# Details

The Hex color **9D8C81** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **81929D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D4C2B6**, and **695A50** is the 20% darker color. If you saturate the color by 10%, you get **9D8271**, and if you desaturate by 10%, it is **9D9691**.

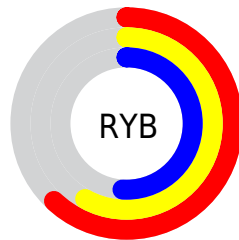
# Distribution



Red (62%)

Green (55%)

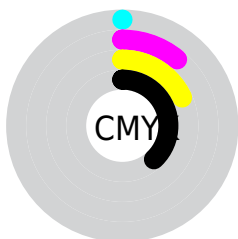
Blue (51%)



Red (62%)

Yellow (58%)

Blue (51%)

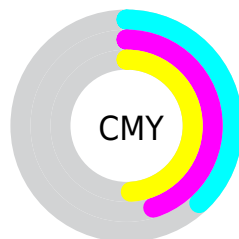


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D8C81 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 9D8C81 by changing the saturation by 10% instead.



 9D8C81

 9D8C81

FFFFFF

 837368

 D4C2B6

 695A50

 F0DDD1

 514339

 FFFAEE

 3A2C23

 24180E

 050000

 000000

 9D8C81

 9D8C81

 9D8271

 9D9691

 9D7962

 9D9FA0

 9D6F52

 9DA9B0

 9D6642

 9DB2C0

 9D5C32

 9DBCD0

 9D5323

 9DC5DF

 9D4913

 9DCFEF

 9D4003

 9DD8FF

 9D3E00

 9DE2FF

# Harmonies

## Analogous

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



A18A87



9D8C81



968F7F

# Triad

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



9D8C81



7D948F



918D9D

# Complementary

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



9D8C81



81929D

# 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.



87909F



9D8C81



7B9497

# Square

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



9D8C81



839387



7F929D



9A8B97

# Rectangle

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



9D8C81



909080



7F929D



8E8E9E



# Sweetspot

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



9D8C81



CCC6C2



9D8192



666260



E6E6E6



666666



# Same Dimension

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



9D8C81



CCB2A1



9D9A81



4F4A47



8F3800



0F0600



# Inverse Universe

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



81929D



A1BBCC



81849D



474C4F



00578F



00090F



# Previews

## White Background



This preview shows how the Hex color 9D8C81 looks on a white background.

## Color Contrast Check

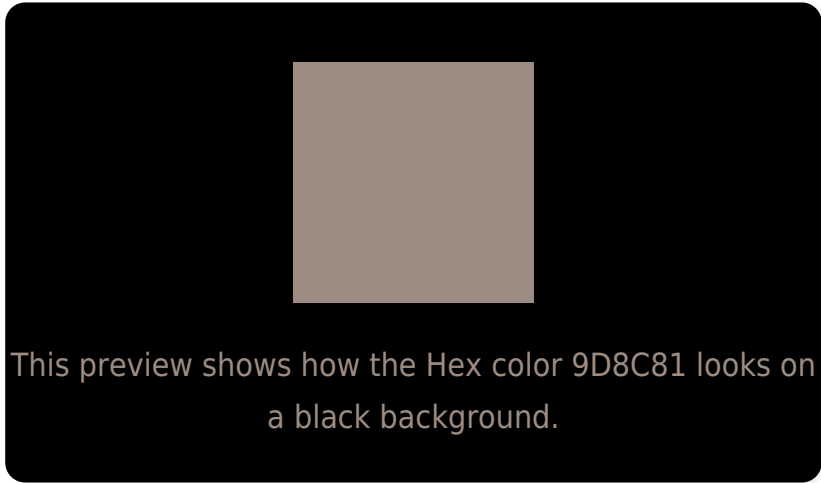
Large Text (above 18pt) WCAG AA ✓ Pass

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

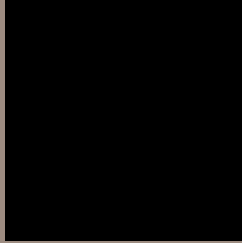
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D8C81 Background



This preview shows how black text looks on a background with the Hex color 9D8C81.



This preview shows how white text looks on a background with the Hex color 9D8C81.

# 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**  
9D8C81

**Protanopia**  
958F82

**Deuteranopia**  
A28A81



**Tritanopia**  
9F8994

# Trichromacy



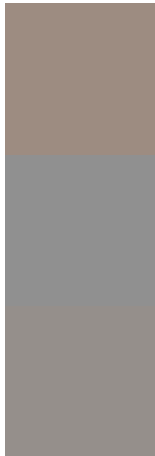
**Original Color**  
9D8C81

**Protanomaly**  
988E82

**Deuteranomaly**  
A08B81

**Tritanomaly**  
9E8A8D

# Monochromacy



**Original Color**  
9D8C81

**Achromatopsia**  
909090

**Achromatomaly**  
958F8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D8C81 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 #9D8C81 looks like.

```
.text, #text, p{  
    color:#9D8C81  
}
```

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 #9D8C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8C81
}
```

## Border

The CSS property to change the border of an element to Hex 9D8C81 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
#9D8C81 }
```

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

```
.border{ border-color:#9D8C81 }
```

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

Here you see how a box with a 4 pixel #9D8C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8C81; -webkit-box-shadow:4px 4px  
4px 4px #9D8C81; box-shadow:4px 4px 4px  
4px #9D8C81 }
```

# Background

The CSS property to change the background color of an element to Hex 9D8C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8C81 }
```

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

```
.background{ background-color:#9D8C81 }
```

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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