

# Converting Colors

Hex(9C8A86)

Have a look what the booklet for  
Hex(9C8A86) contains.

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# Color

Hex(9C8A86)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8A86
RGB	156, 138, 134
RGB Percent	61%, 54%, 53%
CMY	0.3882, 0.4588, 0.4745
CMYK	0.00, 0.12, 0.14, 0.39
HSL	11°, 10%, 57%
HSV	11°, 14%, 61%
XYZ	27.1019, 26.9661, 26.3308
YIQ	142.9260, 12.0120, 2.5720

# Conversions

## Conversions Part 2

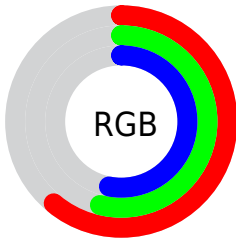
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 139, 134</a>
Decimal	<a href="#">10259078</a>
CIELab	<a href="#">58.94, 6.07, 4.61</a>
CIELCh	<a href="#">59, 7.618, 37.219</a>
Yxy	<a href="#">26.9661, 0.3371, 0.3354</a>
Android (android.graphics.Color)	<a href="#">4288449158</a> (0xFF9C8A86)
YUV	<a href="#">142.9260, -4.4005, 11.4659</a>
Hunter-Lab	<a href="#">51.9289, 2.2841, 6.2869</a>

# Details

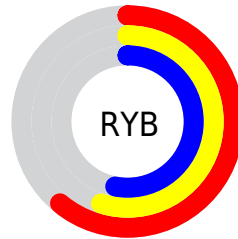
The Hex color **9C8A86** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **86989C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D3BFBB**, and **695854** is the 20% darker color. If you saturate the color by 10%, you get **9C7D76**, and if you desaturate by 10%, it is **9C9796**.

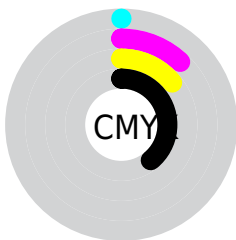
# Distribution



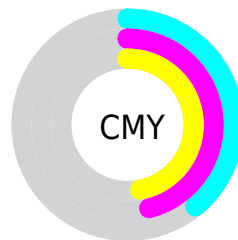
- Red (61%)
- Green (54%)
- Blue (53%)



- Red (61%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (39%)



- Cyan (39%)
- Magenta (46%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8A86 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 9C8A86 by changing the saturation by 10% instead.





9C8A86



9C8A86

FFFFFF



82716D



D3BFBB



695854



EFDBD7



50413D



FFF8F3



392B28



231613



040000



000000



9C8A86



9C8A86



9C7D76



9C9796

 9C7067

 9CA4A5

 9C6457

 9CB0B5

 9C5748

 9CBDC4

 9C4A38

 9CCAD4

 9C3D28

 9CD7E4

 9C3119

 9CE3F3

 9C2409

 9CF0FF

 9C1C00

 9CFDFE

# Harmonies

## Analogous

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



9C898C



9C8A86



988C82

# Triad

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



9C8A86



839188



898E9B

# Complementary

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



9C8A86



86989C

# 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.



82909A



9C8A86



7E928F

# Square

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



9C8A86



8A9083



7E9196



918C98

# Rectangle

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



9C8A86



948D81



7E9196



868F9B



# Sweetspot

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



9C8A86



CCC5C4



9C8698



666261



E6E6E6



666666



# Same Dimension

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



9C8A86



CCB0A9



9C9586



4F4947



8F1A00



0F0300



# Inverse Universe

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



86989C



A9C6CC



868D9C



474E4F



00758F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9C8A86 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

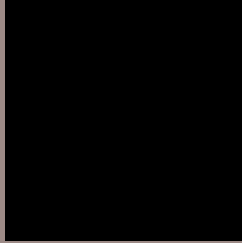
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C8A86 Background



This preview shows how black text looks on a background with the Hex color 9C8A86.



This preview shows how white text looks on a background with the Hex color 9C8A86.

# 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**

9C8A86

**Protanopia**

928D88

**Deuteranopia**

9E8986



**Tritanopia**  
9E8893

# Trichromacy



**Original Color**  
9C8A86

**Protanomaly**  
968C87

**Deuteranomaly**  
9D8986

**Tritanomaly**  
9D898E

# Monochromacy



**Original Color**  
9C8A86

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
948D8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8A86 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 #9C8A86 looks like.

```
.text, #text, p{  
    color:#9C8A86  
}
```

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 #9C8A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8A86
}
```

## Border

The CSS property to change the border of an element to Hex 9C8A86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

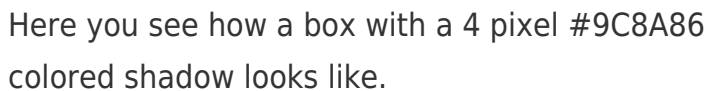
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C8A86 }
```

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

```
.border{ border-color:#9C8A86 }
```

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



Here you see how a box with a 4 pixel #9C8A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8A86; -webkit-box-shadow:4px 4px  
4px 4px #9C8A86; box-shadow:4px 4px 4px  
4px #9C8A86 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8A86 }
```

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

```
.background{ background-color:#9C8A86 }
```

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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