

# Converting Colors

Hex(9C8988)

Have a look what the booklet for  
Hex(9C8988) contains.

<b>Hex(9C8988)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9C8988)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8988
RGB	156, 137, 136
RGB Percent	61%, 54%, 53%
CMY	0.3882, 0.4627, 0.4667
CMYK	0.00, 0.12, 0.13, 0.39
HSL	3°, 9%, 57%
HSV	3°, 13%, 61%
XYZ	27.0999, 26.7368, 27.0250
YIQ	142.5670, 11.6450, 3.7170

# Conversions

## Conversions Part 2

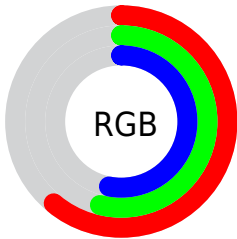
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	156, 137, 136
Decimal	10258824
CIE Lab	58.73, 6.98, 3.16
CIE LCh	59, 7.657, 24.335
Yxy	26.7368, 0.3351, 0.3306
Android (android.graphics.Color)	4288448904 (0xFF9C8988)
YUV	142.5670, -3.2375, 11.7807
Hunter-Lab	51.7077, 3.0632, 5.2075

# Details

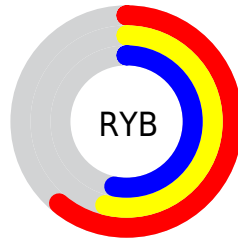
The Hex color **9C8988** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **889B9C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D3BEBD**, and **695756** is the 20% darker color. If you saturate the color by 10%, you get **9C7A78**, and if you desaturate by 10%, it is **9C9898**.

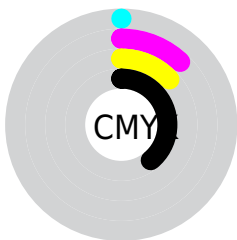
# Distribution



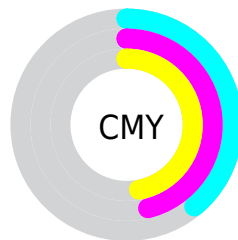
- Red (61%)
- Green (54%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (39%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8988 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 9C8988 by changing the saturation by 10% instead.





9C8988



9C8988

FFFFFF



82706F



D3BEBD



695756



EFDAD9



50403F



FFF7F5



392A29



231515



040000



000000



9C8988



9C8988



9C7A78



9C9898

 9C6B69

 9CA7A7

 9C5D59

 9CB5B7

 9C4E4A

 9CC4C6

 9C3F3A

 9CD3D6

 9C302A

 9CE2E6

 9C211B

 9CF1F5

 9C120B

 9CFFFF

 9C0800

# Harmonies

## Analogous

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



9A898F



9C8988



9A8A83

# Triad

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



9C8988



859085



858E9A

# Complementary

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



9C8988



889B9C

# 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.



7F9098



9C8988



7F918C

# Square

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



9C8988



8D8F81



7D9192



8D8C99

# Rectangle

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



9C8988



968C81



7D9192



838F9A



# Sweetspot

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



9C8988



CCC4C4



9C889B



666161



E6E6E6



666666



# Same Dimension

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



9C8988



CCAFAD



9C9388



4F4847



8F0700



0F0100



# Inverse Universe

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



889B9C



ADCACC



88919C



474F4F



00888F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9C8988 looks on a white background.

## Color Contrast Check

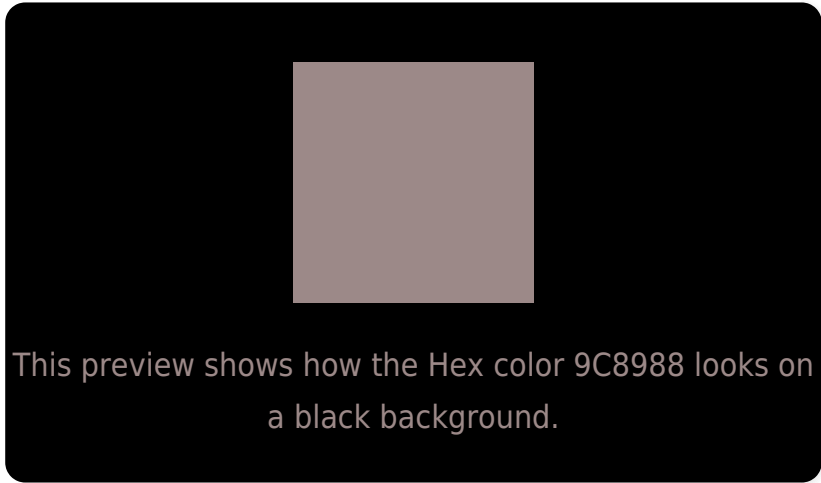
Large Text (above 18pt) WCAG AA ✓ Pass

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

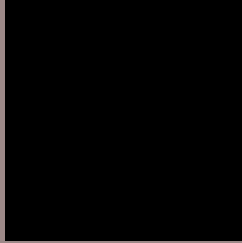
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C8988 Background



This preview shows how black text looks on a background with the Hex color 9C8988.



This preview shows how white text looks on a background with the Hex color 9C8988.

# 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**  
9C8988

**Protanopia**  
918D8A

**Deuteranopia**  
9D8988



**Tritanopia**  
9D8792

# Trichromacy



**Original Color**  
9C8988

**Protanomaly**  
958C89

**Deuteranomaly**  
9D8988

**Tritanomaly**  
9D888E

# Monochromacy



**Original Color**  
9C8988

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
948D8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8988 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 #9C8988 looks like.

```
.text, #text, p{  
    color:#9C8988  
}
```

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 #9C8988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8988
}
```

## Border

The CSS property to change the border of an element to Hex 9C8988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

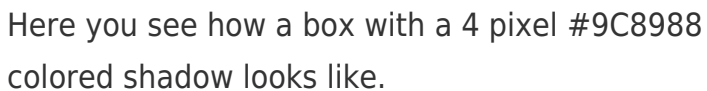
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C8988 }
```

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

```
.border{ border-color:#9C8988 }
```

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



Here you see how a box with a 4 pixel #9C8988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8988; -webkit-box-shadow:4px 4px  
4px 4px #9C8988; box-shadow:4px 4px 4px  
4px #9C8988 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8988 }
```

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

```
.background{ background-color:#9C8988 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor