

# Converting Colors

Hex(9C8891)

Have a look what the booklet for  
Hex(9C8891) contains.

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**Color**

**Hex(9C8891)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8891
RGB	156, 136, 145
RGB Percent	61%, 53%, 57%
CMY	0.3882, 0.4667, 0.4314
CMYK	0.00, 0.13, 0.07, 0.39
HSL	333°, 9%, 57%
HSV	333°, 13%, 61%
XYZ	27.6253, 26.7206, 30.4896
YIQ	143.0060, 9.0310, 7.0390

# Conversions

## Conversions Part 2

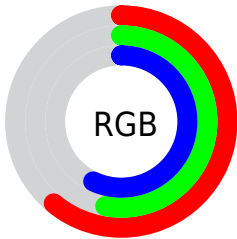
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 136, 145
Decimal	10258577
CIE Lab	58.71, 9.16, -2.03
CIE LCh	59, 9.377, 347.513
Yxy	26.7206, 0.3256, 0.3150
Android (android.graphics.Color)	4288448657 (0xFF9C8891)
YUV	143.0060, 0.9830, 11.3957
Hunter-Lab	51.6919, 4.9334, 1.2131

# Details

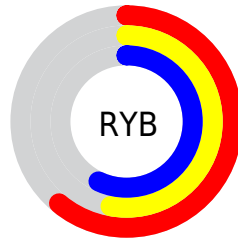
The Hex color **9C8891** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **889C93**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D3BDC7**, and **69565F** is the 20% darker color. If you saturate the color by 10%, you get **9C7888**, and if you desaturate by 10%, it is **9C989A**.

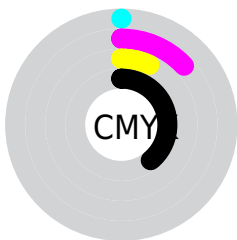
# Distribution



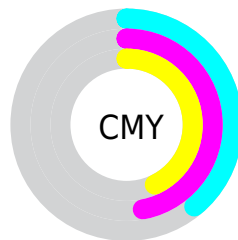
- Red (61%)
- Green (53%)
- Blue (57%)



- Red (61%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8891 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 9C8891 by changing the saturation by 10% instead.





9C8891



9C8891

FFFFFF



826F77



D3BDC7



69565F



EFD9E3



503F47



FFF6FF



392931



24141C



090000



000000



9C8891



9C8891



9C7888



9C989A

 9C6980

 9CA7A2

 9C5977

 9CB7AB

 9C4A6F

 9CC6B3

 9C3A66

 9CD6BC

 9C2A5E

 9CE6C4

 9C1B55

 9CF5CD

 9C0B4C

 9CFFD6

 9C0046

 9CFFDE

# Harmonies

## Analogous

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



958A98



9C8891



9F8889

# Triad

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



9C8891



8F8E7E



7A9199

# Complementary

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



9C8891



889C93

# 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.



799292



9C8891



859182

# Square

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



9C8891



978B7D



7D9289



818F9D

# Rectangle

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



9C8891



9E8984



7D9289



799297



# Sweetspot

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



9C8891



CCC4C8



93889C



666163



E6E6E6



666666



# Same Dimension

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



9C8891



CCADBB



9C8988



4F474B



8F0040



0F0007



# Inverse Universe

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



9C8891



CCADBB



889B9C



4F474B



8F0040

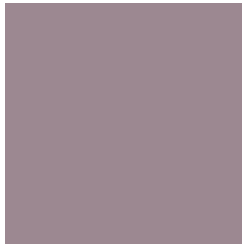


0F0007



# Previews

## White Background



This preview shows how the Hex color 9C8891 looks on a white background.

## Color Contrast Check

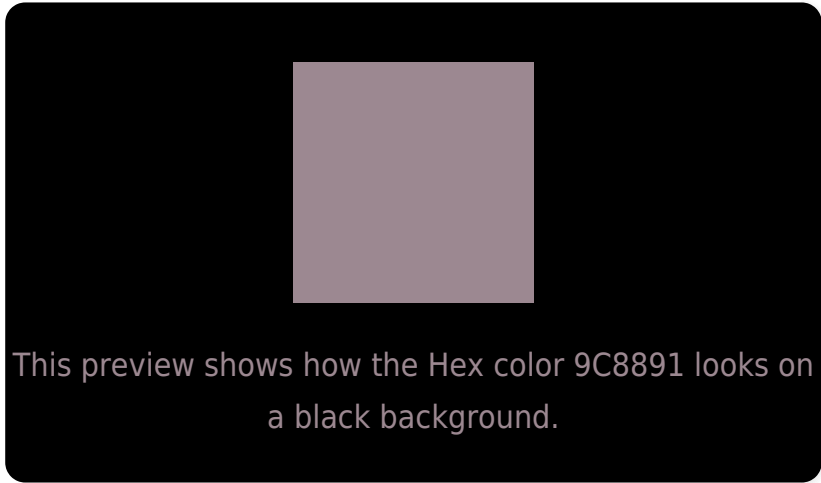
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C8891 Background



This preview shows how black text looks on a background with the Hex color 9C8891.



This preview shows how white text looks on a background with the Hex color 9C8891.

# 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**  
9C8891

**Protanopia**  
8E8D94

**Deuteranopia**  
998991



**Tritanopia**  
9C8892

# Trichromacy



**Original Color**  
9C8891

**Protanomaly**  
938B93

**Deuteranomaly**  
9A8991

**Tritanomaly**  
9C8892

# Monochromacy



**Original Color**  
9C8891

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
948C90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8891 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 #9C8891 looks like.

```
.text, #text, p{  
    color:#9C8891  
}
```

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 #9C8891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8891
}
```

## Border

The CSS property to change the border of an element to Hex 9C8891 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
#9C8891 }
```

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

```
.border{ border-color:#9C8891 }
```

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

Here you see how a box with a 4 pixel #9C8891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8891; -webkit-box-shadow:4px 4px  
4px 4px #9C8891; box-shadow:4px 4px 4px  
4px #9C8891 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8891 }
```

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

```
.background{ background-color:#9C8891 }
```

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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