

# Converting Colors

Hex(939C8A)

Have a look what the booklet for  
Hex(939C8A) contains.

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# **Color**

**Hex(939C8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	939C8A
RGB	147, 156, 138
RGB Percent	58%, 61%, 54%
CMY	0.4235, 0.3882, 0.4588
CMYK	0.06, 0.00, 0.12, 0.39
HSL	90°, 8%, 58%
HSV	90°, 12%, 61%
XYZ	28.5085, 31.8150, 28.6831
YIQ	151.2570, 0.4140, -7.5060

# Conversions

## Conversions Part 2

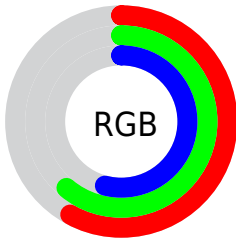
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 156, 147
Decimal	9673866
CIELab	63.19, -6.64, 8.32
CIELCh	63, 10.649, 128.576
Yxy	31.8150, 0.3203, 0.3574
Android (android.graphics.Color)	4287863946 (0xFF939C8A)
YUV	151.2570, -6.5357, -3.7334
Hunter-Lab	56.4047, -8.4894, 9.3330

# Details

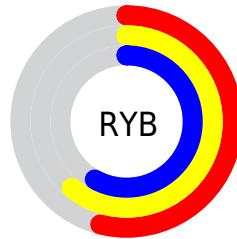
The Hex color **939C8A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **938A9C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C9D2BF**, and **606958** is the 20% darker color. If you saturate the color by 10%, you get **8B9C7A**, and if you desaturate by 10%, it is **9B9C9A**.

# Distribution



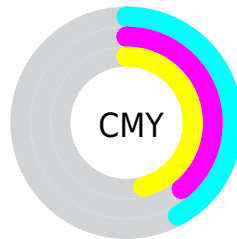
- Red (58%)
- Green (61%)
- Blue (54%)



- Red (54%)
- Yellow (61%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939C8A 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 939C8A by changing the saturation by 10% instead.





939C8A



939C8A

FFFFFF



798271



C9D2BF



606958



E5EFDB



495141



FFFFFF8



323A2B



1D2416



010F00



000000



939C8A



939C8A



8B9C7A



9B9C9A

 839C6B

 A39CA9

 7C9C5B

 AA9CB9

 749C4C

 B29CC8

 6C9C3C

 BA9CD8

 649C2C

 C29CE8

 5C9C1D

 CA9CF7

 559C0D

 D19CFF

 4E9C00

 D99CFF

# Harmonies

## Analogous

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



9E9986



939C8A



899E92

# Triad

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



939C8A



889CAA



AD9396

# Complementary

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



939C8A



938A9C

# 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.



A893A0



939C8A



9299AB

# Square

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



939C8A



829EA4



9E96A8



AD948E

# Rectangle

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



939C8A



849F98



9E96A8



AC939A



# Sweetspot

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



939C8A



C9CCC6



9C938A



646662



E6E6E6



666666



# Same Dimension

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



939C8A



BECCAF



8A9C8A



4B4F47



478F00



080F00



# Inverse Universe

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



938A9C



BEAFCC



9C8A9C



4B474F



47008F



08000F



# Previews

## White Background



This preview shows how the Hex color 939C8A looks on a white background.

## Color Contrast Check

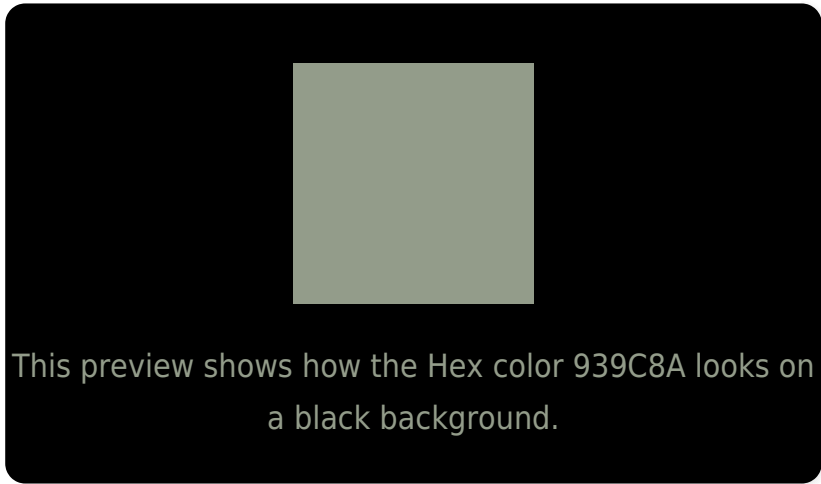
Large Text (above 18pt) WCAG AA × Fail

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

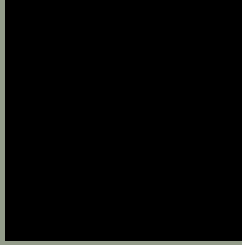
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

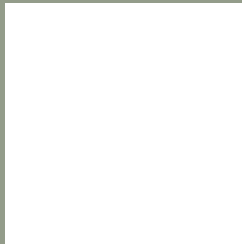
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 939C8A Background



This preview shows how black text looks on a background with the Hex color 939C8A.

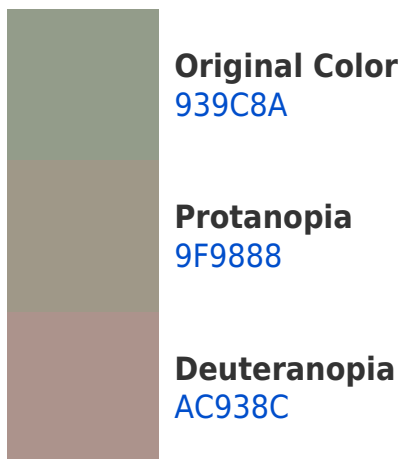


This preview shows how white text looks on a background with the Hex color 939C8A.

# 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





**Tritanopia**  
9798A4

# Trichromacy



**Original Color**  
939C8A

**Protanomaly**  
9B9989

**Deuteranomaly**  
A3968B

**Tritanomaly**  
96999B

# Monochromacy



**Original Color**  
939C8A

**Achromatopsia**  
979797

**Achromatomaly**  
969992

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939C8A 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 #939C8A looks like.

```
.text, #text, p{  
    color:#939C8A  
}
```

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 #939C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939C8A
}
```

## Border

The CSS property to change the border of an element to Hex 939C8A 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
#939C8A }
```

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

```
.border{ border-color:#939C8A }
```

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

Here you see how a box with a 4 pixel #939C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939C8A; -webkit-box-shadow:4px 4px  
4px 4px #939C8A; box-shadow:4px 4px 4px  
4px #939C8A }
```

# Background

The CSS property to change the background color of an element to Hex 939C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939C8A }
```

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

```
.background{ background-color:#939C8A }
```

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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