

# Converting Colors

Hex(938F9B)

Have a look what the booklet for  
Hex(938F9B) contains.

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# Color

Hex(938F9B)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 938F9B                    |
| RGB           | 147, 143, 155             |
| RGB Percent   | 58%, 56%, 61%             |
| CMY           | 0.4235, 0.4392, 0.3922    |
| CMYK          | 0.05, 0.08, 0.00, 0.39    |
| HSL           | 260°, 6%, 58%             |
| HSV           | 260°, 8%, 61%             |
| XYZ           | 27.7715, 28.2145, 34.9926 |
| YIQ           | 145.5640, -1.4680, 4.5800 |

# Conversions

## Conversions Part 2

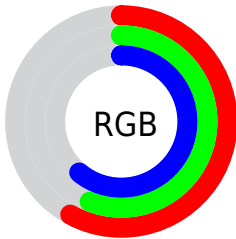
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 147, 143, 155               |
| Decimal                             | 9670555                     |
| CIE <sub>Lab</sub>                  | 60.08, 3.85, -5.82          |
| CIE <sub>LCh</sub>                  | 60, 6.974, 303.460          |
| Yxy                                 | 28.2145, 0.3053,<br>0.3101  |
| Android<br>(android.graphics.Color) | 4287860635<br>(0xFF938F9B)  |
| YUV                                 | 145.5640, 4.6519,<br>1.2594 |
| Hunter-Lab                          | 53.1173, 0.3703,<br>-1.8769 |

# Details

The Hex color **938F9B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **979B8F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C9C5D1**, and **605D68** is the 20% darker color. If you saturate the color by 10%, you get **89809B**, and if you desaturate by 10%, it is **9D9F9B**.

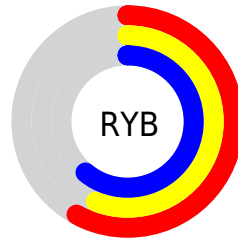
# Distribution



Red (58%)

Green (56%)

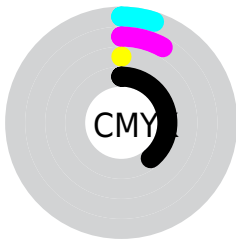
Blue (61%)



Red (58%)

Yellow (56%)

Blue (61%)

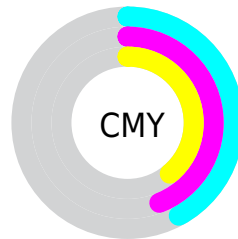


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (44%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938F9B 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 938F9B by changing the saturation by 10% instead.





938F9B



938F9B

FFFFFF



797581



C9C5D1



605D68



E5E1EE



494550



FFFDFF



322F39



1D1A23



04000E



000000



938F9B



938F9B



89809B



9D9F9B

7E709B

A8AE9B

74619B

B2BE9B

6A519B

BCCD9B

5F429B

C7DC9B

55329B

D1EC9B

4B239B

DBFB9B

40139B

E6FF9B

36049B

F0FF9B

# Harmonies

## Analogous

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



8B919D



938F9B



9A8D96

# Triad

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



938F9B



9B8F86



839591

# Complementary

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



938F9B



979B8F

# 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.



87948B



938F9B



959185

# Square

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



938F9B



9E8D8A



8E9286



829497

# Rectangle

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



938F9B



9D8D92



8E9286



84948F



# Sweetspot

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



938F9B



C7C5C9



8F979B



656466



E6E6E6



666666



# Same Dimension

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



938F9B



BDB7C9



998F9B



47454D



2F008C



04000D



# Inverse Universe

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



9B8F97



C9B7C3



919B8F



4D454A



8C005E



0D0009



# Previews

## White Background



This preview shows how the Hex color 938F9B looks on a white background.

## Color Contrast Check

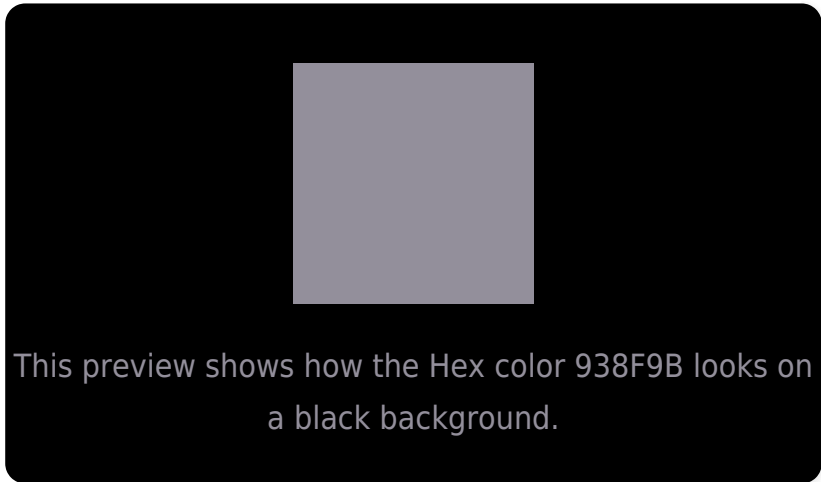
Large Text (above 18pt) WCAG AA ✓ Pass

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

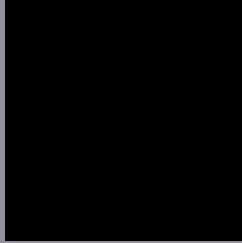
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

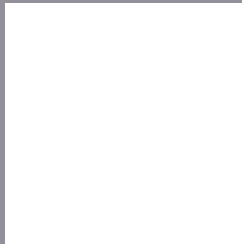
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 938F9B Background



This preview shows how black text looks on a background with the Hex color 938F9B.

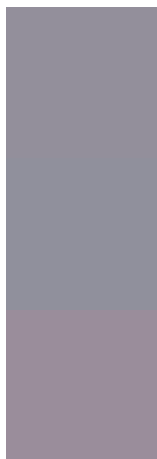


This preview shows how white text looks on a background with the Hex color 938F9B.

# 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**  
938F9B

**Protanopia**  
90909C

**Deuteranopia**  
9A8D9B



**Tritanopia**  
938F9A

# Trichromacy



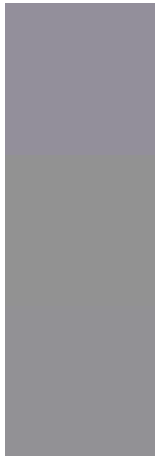
**Original Color**  
938F9B

**Protanomaly**  
91909C

**Deuteranomaly**  
978E9B

**Tritanomaly**  
938F9A

# Monochromacy



**Original Color**  
938F9B

**Achromatopsia**  
929292

**Achromatomaly**  
929195

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938F9B 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 #938F9B looks like.

```
.text, #text, p{  
    color:#938F9B  
}
```

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 #938F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938F9B
}
```

## Border

The CSS property to change the border of an element to Hex 938F9B 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
#938F9B }
```

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

```
.border{ border-color:#938F9B }
```

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

Here you see how a box with a 4 pixel #938F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938F9B; -webkit-box-shadow:4px 4px  
4px 4px #938F9B; box-shadow:4px 4px 4px  
4px #938F9B }
```

# Background

The CSS property to change the background color of an element to Hex 938F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938F9B }
```

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

```
.background{ background-color:#938F9B }
```

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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