

# Converting Colors

Hex(938099)

Have a look what the booklet for  
Hex(938099) contains.

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**Color**

**Hex(938099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	938099
RGB	147, 128, 153
RGB Percent	58%, 50%, 60%
CMY	0.4235, 0.4980, 0.4000
CMYK	0.04, 0.16, 0.00, 0.40
HSL	286°, 11%, 55%
HSV	286°, 16%, 60%
XYZ	25.5016, 23.9413, 33.4140
YIQ	136.5310, 3.2990, 11.8030

# Conversions

## Conversions Part 2

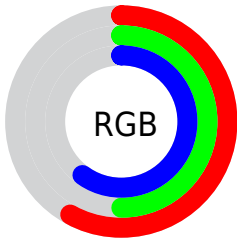
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 128, 153
Decimal	9666713
CIE <sub>Lab</sub>	56.03, 12.02, -10.71
CIE <sub>LCh</sub>	56, 16.101, 318.281
Yxy	23.9413, 0.3078, 0.2889
Android (android.graphics.Color)	4287856793 (0xFF938099)
YUV	136.5310, 8.1192, 9.1813
Hunter-Lab	48.9298, 7.4045, -6.2381

# Details

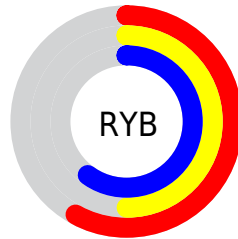
The Hex color **938099** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **869980**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C9B5CF**, and **604F66** is the 20% darker color. If you saturate the color by 10%, you get **8F7199**, and if you desaturate by 10%, it is **978F99**.

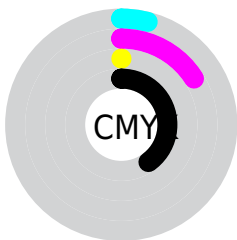
# Distribution



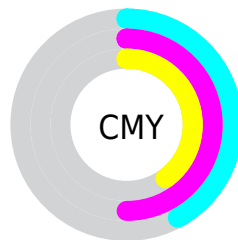
- Red (58%)
- Green (50%)
- Blue (60%)



- Red (58%)
- Yellow (50%)
- Blue (60%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (50%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938099 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 938099 by changing the saturation by 10% instead.



■ 938099

■ 938099

FFFFFF

■ 79677F

■ C9B5CF

■ 604F66

■ E5D0EC

■ 48384E

■ FFEDFF

■ 322237

■ 1D0D22

■ 000009

■ 000000

■ 938099

■ 938099

■ 8F7199

■ 978F99

8C6199

9A9F99

885299

9EAE99

844399

A2BD99

813499

A5CD99

7D2499

A9DC99

791599

ADEB99

760699

B0FA99

740099

B4FF99

# Harmonies

## Analogous

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



8285A1



938099



9F7D8C

# Triad

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



938099



96836B



618E8F

# Complementary

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



938099



869980

# 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.



698E80



938099



88886C

# Square

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



938099



A07F72



788C73



638D9B

# Rectangle

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



938099



A37C83



788C73



638E8A



# Sweetspot

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



938099



C5BDC7



808699



625D63



E3E3E3



636363



# Same Dimension

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



938099



BD9FC7



998093



4B454D



6B008C



0A000D



# Inverse Universe

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



998086



C79FA9



809986



4D4547



8C0022

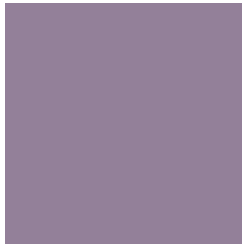


0D0003



# Previews

## White Background



This preview shows how the Hex color 938099 looks on a white background.

## Color Contrast Check

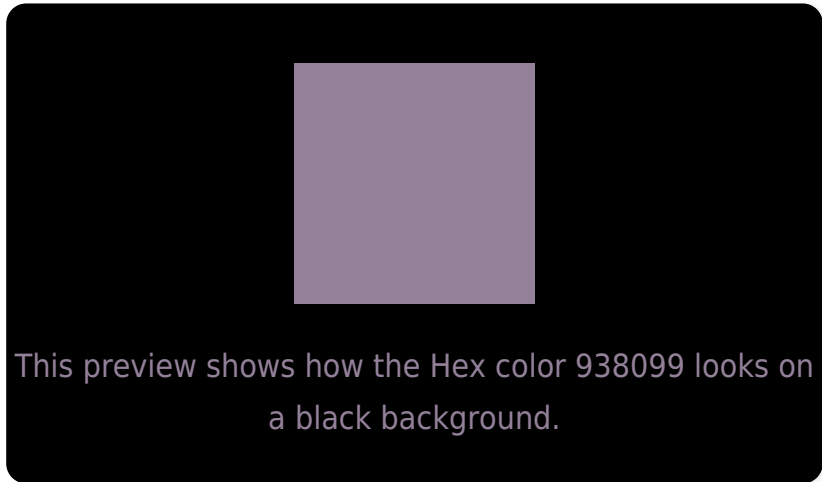
Large Text (above 18pt) WCAG AA ✓ Pass

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

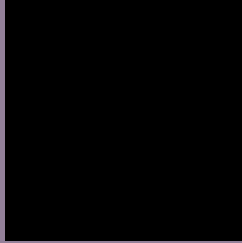
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938099 Background



This preview shows how black text looks on a background with the Hex color 938099.

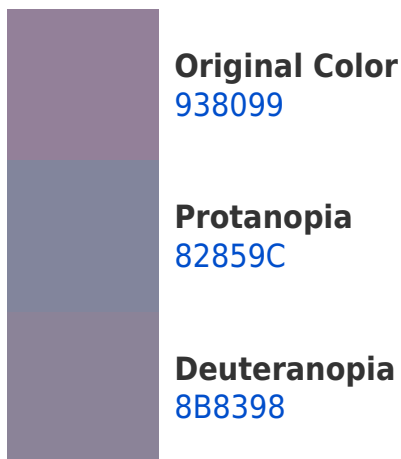



This preview shows how white text looks on a background with the Hex color 938099.

# 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**  
91828C

# Trichromacy



**Original Color**

938099

**Protanomaly**

88839B

**Deuteranomaly**

8E8298

**Tritanomaly**

928191

# Monochromacy



**Original Color**

938099

**Achromatopsia**

898989

**Achromatomaly**

8D868F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938099 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 #938099 looks like.

```
.text, #text, p{  
    color:#938099  
}
```

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 #938099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938099
}
```

## Border

The CSS property to change the border of an element to Hex 938099 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
#938099 }
```

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

```
.border{ border-color:#938099 }
```

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

Here you see how a box with a 4 pixel #938099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938099; -webkit-box-shadow:4px 4px  
4px 4px #938099; box-shadow:4px 4px 4px  
4px #938099 }
```

# Background

The CSS property to change the background color of an element to Hex 938099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938099 }
```

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

```
.background{ background-color:#938099 }
```

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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