

# Converting Colors

Hex(958099)

Have a look what the booklet for  
Hex(958099) contains.

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**Color**

**Hex(958099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	958099
RGB	149, 128, 153
RGB Percent	58%, 50%, 60%
CMY	0.4157, 0.4980, 0.4000
CMYK	0.03, 0.16, 0.00, 0.40
HSL	290°, 11%, 55%
HSV	290°, 16%, 60%
XYZ	25.8634, 24.1278, 33.4310
YIQ	137.1290, 4.4910, 12.2270

# Conversions

## Conversions Part 2

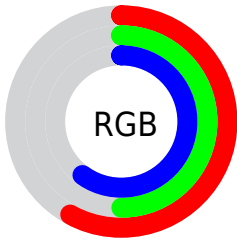
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 128, 153
Decimal	9797785
CIE <sub>Lab</sub>	56.22, 12.73, -10.42
CIE <sub>LCh</sub>	56, 16.449, 320.713
Yxy	24.1278, 0.3100, 0.2892
Android (android.graphics.Color)	4287987865 (0xFF958099)
YUV	137.1290, 7.8244, 10.4109
Hunter-Lab	49.1201, 8.0261, -5.9686

# Details

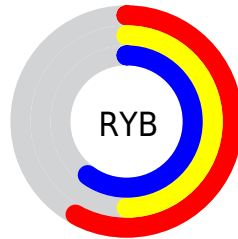
The Hex color **958099** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **849980**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **CBB5CF**, and **624F66** is the 20% darker color. If you saturate the color by 10%, you get **937199**, and if you desaturate by 10%, it is **978F99**.

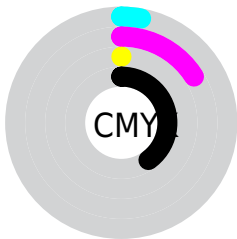
# Distribution



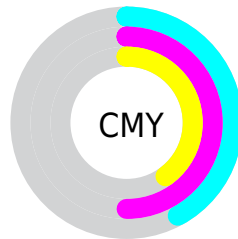
- Red (58%)
- Green (50%)
- Blue (60%)



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



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 958099 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 958099 by changing the saturation by 10% instead.



 958099

 958099

FFFFFF

 7B677F

 CBB5CF

 624F66

 E7D0EC

 4A384E

 FFEDFF

 332237

 1E0D22

 000009

 000000

 958099

 958099

 937199

 978F99

906199

9A9F99

8E5299

9CAE99

8B4399

9FB999

893499

A1CD99

862499

A4DC99

841599

A6EB99

810699

A9FA99

810099

ABFF99

# Harmonies

## Analogous

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



8485A1



958099



A17D8C

# Triad

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



958099



96846B



608F90

# Complementary

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



958099



849980

# 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.



688F82



958099



87896C

# Square

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



958099



A18071



778D74



638D9C

# Rectangle

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



958099



A47D82



778D74



628F8C



# Sweetspot

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



958099



C5BDC7



808499



625D63



E3E3E3



636363



# Same Dimension

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



958099



C19FC7



998091



4B454D



76008C



0B000D



# Inverse Universe

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



998084



C79FA5



809988



4D4546



8C0016

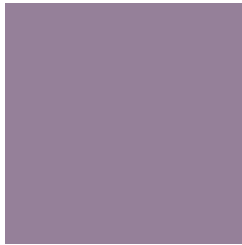


0D0002



# Previews

## White Background



This preview shows how the Hex color 958099 looks on a white background.

## Color Contrast Check

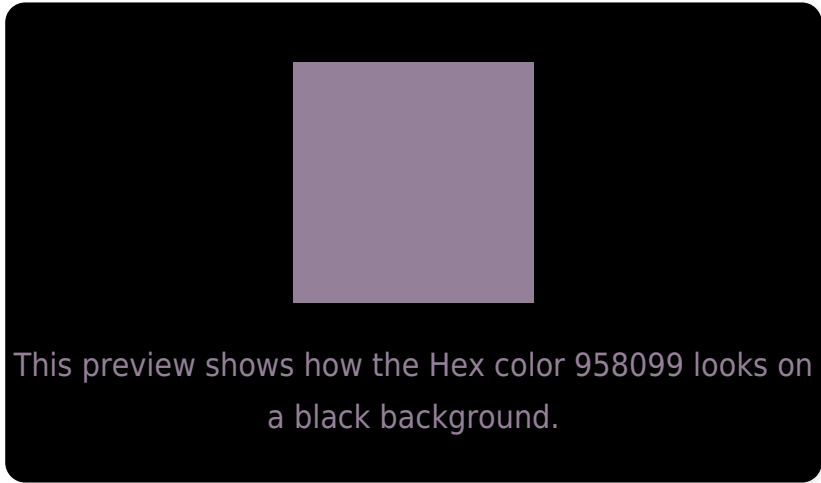
Large Text (above 18pt) WCAG AA ✓ Pass

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

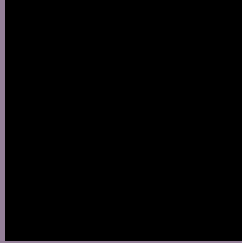
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 958099 Background



This preview shows how black text looks on a background with the Hex color 958099.

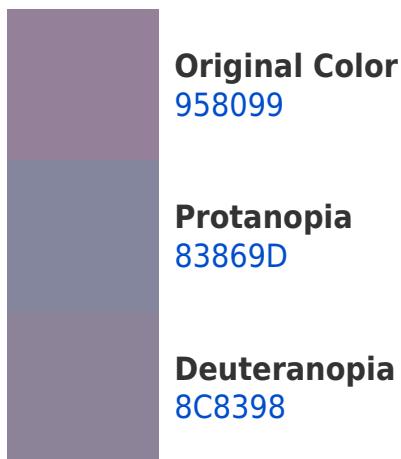



This preview shows how white text looks on a background with the Hex color 958099.

# 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**  
93828C

# Trichromacy



**Original Color**  
958099

**Protanomaly**  
8A849C

**Deuteranomaly**  
8F8298

**Tritanomaly**  
948191

# Monochromacy



**Original Color**  
958099

**Achromatopsia**  
898989

**Achromatomaly**  
8D868F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 958099 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 #958099 looks like.

```
.text, #text, p{  
    color:#958099  
}
```

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 #958099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958099
}
```

## Border

The CSS property to change the border of an element to Hex 958099 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".

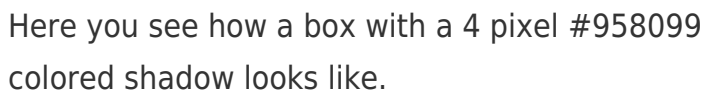
```
.border, #border, table{ border:4px solid
#958099 }
```

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

```
.border{ border-color:#958099 }
```

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

Here you see how a box with a 4 pixel #958099 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958099; -webkit-box-shadow:4px 4px  
4px 4px #958099; box-shadow:4px 4px 4px  
4px #958099 }
```

# Background

The CSS property to change the background color of an element to Hex 958099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958099 }
```

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

```
.background{ background-color:#958099 }
```

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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