

# Converting Colors

Hex(9B9398)

Have a look what the booklet for  
Hex(9B9398) contains.

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# **Color**

**Hex(9B9398)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B9398
RGB	155, 147, 152
RGB Percent	61%, 58%, 60%
CMY	0.3922, 0.4235, 0.4039
CMYK	0.00, 0.05, 0.02, 0.39
HSL	322°, 4%, 59%
HSV	322°, 5%, 61%
XYZ	29.6188, 30.1030, 33.9551
YIQ	149.9620, 3.1630, 3.2510

# Conversions

## Conversions Part 2

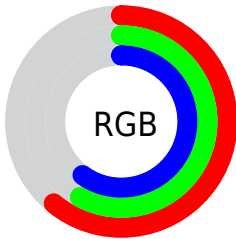
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 147, 152
Decimal	10195864
CIELab	61.74, 3.89, -1.59
CIELCh	62, 4.197, 337.781
Yxy	30.1030, 0.3162, 0.3213
Android (android.graphics.Color)	4288385944 (0xFF9B9398)
YUV	149.9620, 1.0047, 4.4183
Hunter-Lab	54.8662, 0.3450, 1.7134

# Details

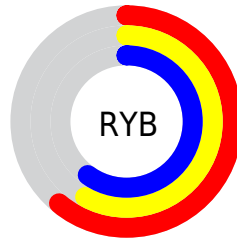
The Hex color **9B9398** is a light color, and the websafe version is hex **999999**. A complement of this color would be **939B96**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D1C9CE**, and **686065** is the 20% darker color. If you saturate the color by 10%, you get **9B8492**, and if you desaturate by 10%, it is **9BA39E**.

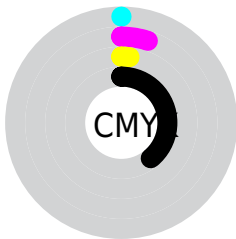
# Distribution



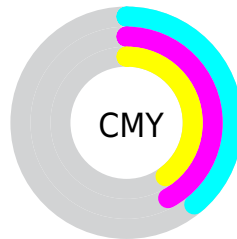
- Red (61%)
- Green (58%)
- Blue (60%)



- Red (61%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9398 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 9B9398 by changing the saturation by 10% instead.



■ 9B9398

■ 9B9398

FFFFFF

■ 81797E

■ D1C9CE

■ 686065

■ EEE5EA

■ 50494D

■ 393237

■ 231D21

■ 0E030A

■ 000000

■ 9B9398

■ 9B9398

■ 9B8492

■ 9BA39E

 9B748C

 9BB2A4

 9B6587

 9BC1A9

 9B5581

 9BD1AF

 9B467B

 9BE0B5

 9B3675

 9BF0BB

 9B276F

 9BFFC1

 9B176A

 9BFFC6

 9B0864

 9BFFCC

# Harmonies

## Analogous

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



97949B



9B9398



9D9394

# Triad

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



9B9398



97958E



8C9799

# Complementary

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



9B9398



939B96

# 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.



8D9796



9B9398



93968F

# Square

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



9B9398



9B948E



8F9792



8F969C

# Rectangle

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



9B9398



9D9392



8F9792



8C9798



# Sweetspot

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



9B9398



C9C5C8



96939B



666465



E6E6E6



666666



# Same Dimension

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



9B9398



C9BDC5



9B9394



4D474A



8C0058



0D0008



# Inverse Universe

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



9B9398



C9BDC5



939B9A



4D474A



8C0058



0D0008



# Previews

## White Background



This preview shows how the Hex color 9B9398 looks on a white background.

## Color Contrast Check

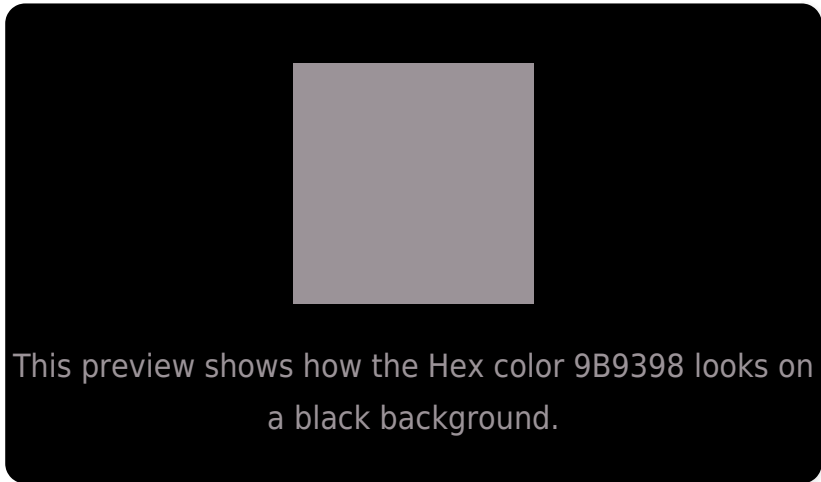
Large Text (above 18pt) WCAG AA × Fail

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

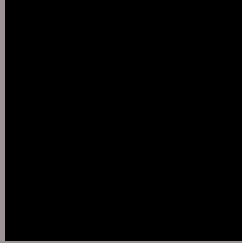
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B9398 Background



This preview shows how black text looks on a background with the Hex color 9B9398.



This preview shows how white text looks on a background with the Hex color 9B9398.

# 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**  
9B9398

**Protanopia**  
979499

**Deuteranopia**  
A29198



**Tritanopia**  
9C929E

# Trichromacy



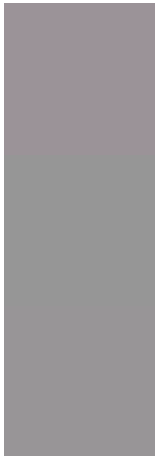
**Original Color**  
9B9398

**Protanomaly**  
989499

**Deuteranomaly**  
9F9298

**Tritanomaly**  
9C929C

# Monochromacy



**Original Color**  
9B9398

**Achromatopsia**  
969696

**Achromatomaly**  
989597

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9398 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 #9B9398 looks like.

```
.text, #text, p{  
    color:#9B9398  
}
```

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 #9B9398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9398
}
```

## Border

The CSS property to change the border of an element to Hex 9B9398 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
#9B9398 }
```

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

```
.border{ border-color:#9B9398 }
```

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

Here you see how a box with a 4 pixel #9B9398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9398; -webkit-box-shadow:4px 4px  
4px 4px #9B9398; box-shadow:4px 4px 4px  
4px #9B9398 }
```

# Background

The CSS property to change the background color of an element to Hex 9B9398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9398 }
```

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

```
.background{ background-color:#9B9398 }
```

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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