

# Converting Colors

Hex(939B98)

Have a look what the booklet for  
Hex(939B98) contains.

<b>Hex(939B98)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(939B98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	939B98
RGB	147, 155, 152
RGB Percent	58%, 61%, 60%
CMY	0.4235, 0.3922, 0.4039
CMYK	0.05, 0.00, 0.02, 0.39
HSL	158°, 4%, 59%
HSV	158°, 5%, 61%
XYZ	29.4215, 31.9127, 34.3149
YIQ	152.2660, -3.8050, -2.6290

# Conversions

## Conversions Part 2

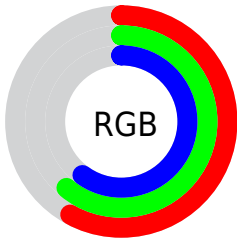
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 152, 155</a>
Decimal	<a href="#">9673624</a>
CIELab	<a href="#">63.27, -3.45, 0.57</a>
CIELCh	<a href="#">63, 3.501, 170.635</a>
Yxy	<a href="#">31.9127, 0.3076, 0.3336</a>
Android (android.graphics.Color)	<a href="#">4287863704 (0xFF939B98)</a>
YUV	<a href="#">152.2660, -0.1311, -4.6183</a>
Hunter-Lab	<a href="#">56.4914, -5.8947, 3.5291</a>

# Details

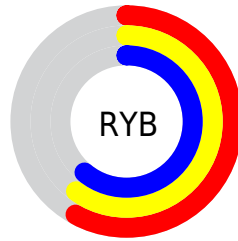
The Hex color **939B98** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9B9396**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C9D1CE**, and **606865** is the 20% darker color. If you saturate the color by 10%, you get **849B92**, and if you desaturate by 10%, it is **A39B9E**.

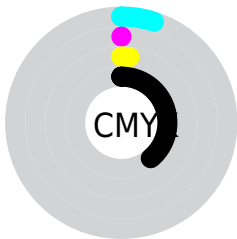
# Distribution



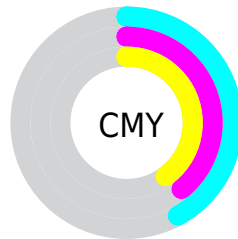
- Red (58%)
- Green (61%)
- Blue (60%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 939B98 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 939B98 by changing the saturation by 10% instead.



■ 939B98

■ 939B98

FFFFFF

■ 79817E

■ C9D1CE

■ 606865

■ E5EEEA

■ 49504D

■ 323937

■ 1D2421

■ 040E0A

■ 000000

■ 939B98

■ 939B98

■ 849B92

■ A39B9E

749B8C

B29BA4

659B87

C19BA9

559B81

D19BAF

469B7B

E09BB5

369B75

F09BBB

279B6F

FF9BC1

179B6A

FF9BC6

089B64

FF9BCC

# Harmonies

## Analogous

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



969A95



939B98



929B9B

# Triad

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



939B98



99999F



9F9894

# Complementary

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



939B98



9B9396

# 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.



A09797



939B98



9C989D

# Square

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



939B98



959A9F



9F979A



9D9993

# Rectangle

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



939B98



929B9D



9F979A



A09795



# Sweetspot

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



939B98



C5C9C8



969B93



646665



E6E6E6



666666



# Same Dimension

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



939B98



BDC9C5



939A9B



474D4A



008C58



000D08



# Inverse Universe

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



9B9396



C9BDC2



9B9493



4D4749



8C0035



0D0005



# Previews

## White Background



This preview shows how the Hex color 939B98 looks on a white background.

## Color Contrast Check

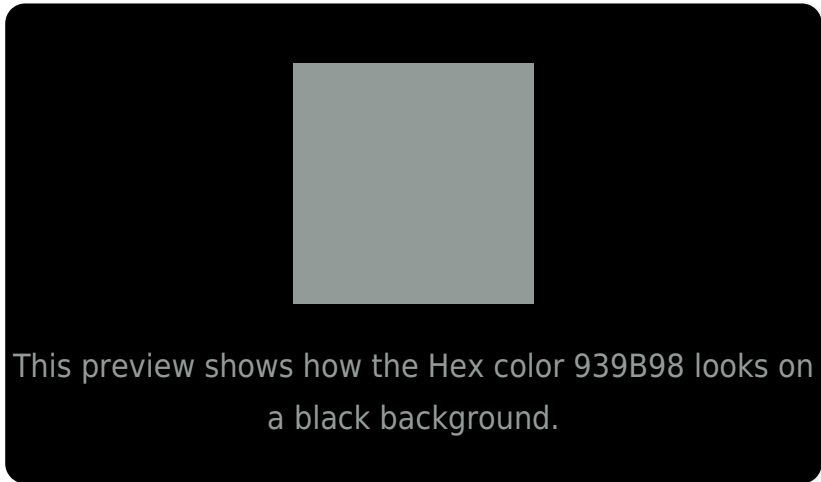
Large Text (above 18pt) WCAG AA × Fail

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

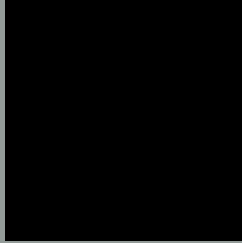
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

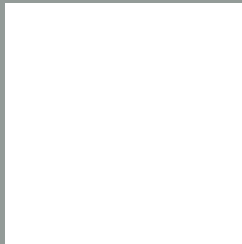
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 939B98 Background



This preview shows how black text looks on a background with the Hex color 939B98.

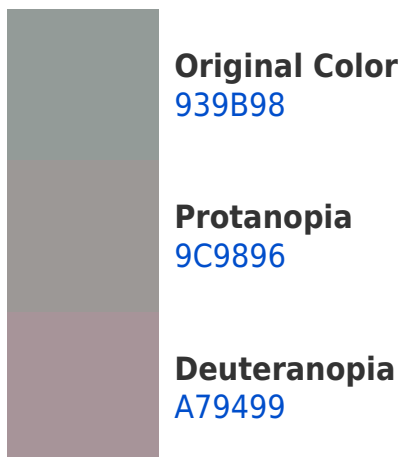


This preview shows how white text looks on a background with the Hex color 939B98.

# 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**  
9599A5

# Trichromacy



**Original Color**  
939B98

**Protanomaly**  
999997

**Deuteranomaly**  
A09799

**Tritanomaly**  
949AA0

# Monochromacy



**Original Color**  
939B98

**Achromatopsia**  
989898

**Achromatomaly**  
969998

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939B98 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 #939B98 looks like.

```
.text, #text, p{  
    color:#939B98  
}
```

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 #939B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939B98  
}
```

## Border

The CSS property to change the border of an element to Hex 939B98 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  
#939B98 }
```

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

```
.border{ border-color:#939B98 }
```

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

Here you see how a box with a 4 pixel #939B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939B98; -webkit-box-shadow:4px 4px  
4px 4px #939B98; box-shadow:4px 4px 4px  
4px #939B98 }
```

# Background

The CSS property to change the background color of an element to Hex 939B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939B98 }
```

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

```
.background{ background-color:#939B98 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor