

# Converting Colors

Hex(939F97)

Have a look what the booklet for  
Hex(939F97) contains.

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# **Color**

**Hex(939F97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	939F97
RGB	147, 159, 151
RGB Percent	58%, 62%, 59%
CMY	0.4235, 0.3765, 0.4078
CMYK	0.08, 0.00, 0.05, 0.38
HSL	140°, 6%, 60%
HSV	140°, 8%, 62%
XYZ	30.0167, 33.2337, 34.1109
YIQ	154.5000, -4.5840, -5.0320

# Conversions

## Conversions Part 2

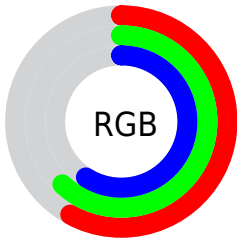
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 156, 159
Decimal	9674647
CIELab	64.35, -5.84, 2.70
CIELCh	64, 6.433, 155.183
Yxy	33.2337, 0.3083, 0.3413
Android (android.graphics.Color)	4287864727 (0xFF939F97)
YUV	154.5000, -1.7255, -6.5775
Hunter-Lab	57.6487, -7.9433, 5.2720

# Details

The Hex color **939F97** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9F939B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C9D6CD**, and **606C64** is the 20% darker color. If you saturate the color by 10%, you get **839F8C**, and if you desaturate by 10%, it is **A39FA2**.

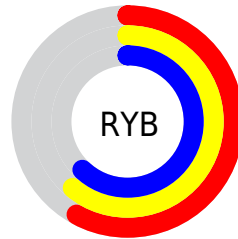
# Distribution



Red (58%)

Green (62%)

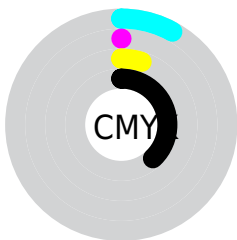
Blue (59%)



Red (58%)

Yellow (61%)

Blue (62%)

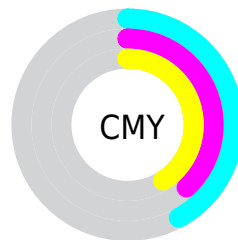


Cyan (8%)

Magenta (0%)

Yellow (5%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939F97 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 939F97 by changing the saturation by 10% instead.





939F97



939F97

FFFFFF



79857D



C9D6CD



606C64



E5F2E9



49534C



323C36



1D2720



041209



000000



939F97



939F97



839F8C



A39FA2

 739F82

 B39FAC

 639F77

 C39FB7

 539F6D

 D39FC1

 439F62

 E39FCC

 349F57


 F29FD7

 249F4D

 FF9FE1

 149F42

 FF9FEC

 049F38

 FF9FF6

# Harmonies

## Analogous

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



999E93



939F97



8FA09D

# Triad

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



939F97



979CA7



A89996

# Complementary

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



939F97



9F939B

# 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.



A8989B



939F97



9E9AA5

# Square

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



939F97



919EA6



A599A1



A59A92

# Rectangle

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



939F97



8E9FA1



A599A1



A99897



# Sweetspot

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



939F97



CACFCC



9B9F93



666967



E8E8E8



696969



# Same Dimension

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



939F97



BCCFC2



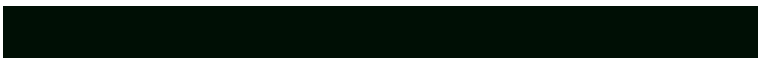
939F9D



474F4A



008F30



000F05



# Inverse Universe

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



9F939B



CFBCC8



9F9395



4F474C



8F005F

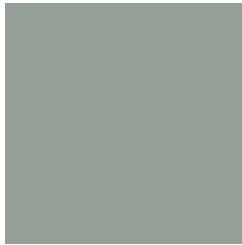


0F000A



# Previews

## White Background



This preview shows how the Hex color 939F97 looks on a white background.

## Color Contrast Check

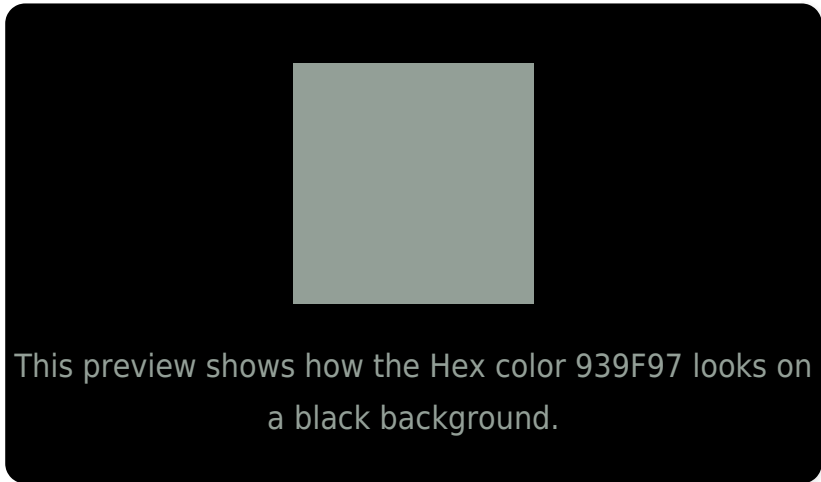
Large Text (above 18pt) WCAG AA × Fail

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

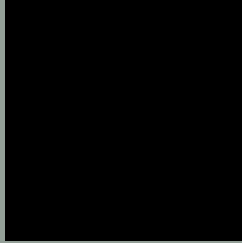
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

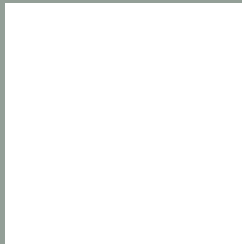
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 939F97 Background



This preview shows how black text looks on a background with the Hex color 939F97.

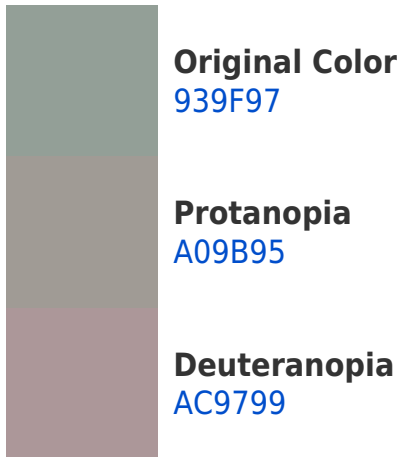


This preview shows how white text looks on a background with the Hex color 939F97.

# 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**  
969CA9

# Trichromacy



**Original Color**

939F97

**Protanomaly**

9B9C96

**Deuteranomaly**

A39A98

**Tritanomaly**

959DA2

# Monochromacy



**Original Color**

939F97

**Achromatopsia**

9B9B9B

**Achromatomaly**

989C9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939F97 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 #939F97 looks like.

```
.text, #text, p{  
    color:#939F97  
}
```

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 #939F97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939F97
}
```

## Border

The CSS property to change the border of an element to Hex 939F97 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
#939F97 }
```

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

```
.border{ border-color:#939F97 }
```

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

Here you see how a box with a 4 pixel #939F97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939F97; -webkit-box-shadow:4px 4px  
4px 4px #939F97; box-shadow:4px 4px 4px  
4px #939F97 }
```

# Background

The CSS property to change the background color of an element to Hex 939F97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939F97 }
```

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

```
.background{ background-color:#939F97 }
```

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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