

# Converting Colors

Hex(939E97)

Have a look what the booklet for  
Hex(939E97) contains.

<b>Hex(939E97)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(939E97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	939E97
RGB	147, 158, 151
RGB Percent	58%, 62%, 59%
CMY	0.4235, 0.3804, 0.4078
CMYK	0.07, 0.00, 0.04, 0.38
HSL	142°, 5%, 60%
HSV	142°, 7%, 62%
XYZ	29.8454, 32.8911, 34.0538
YIQ	153.9130, -4.3090, -4.5090

# Conversions

## Conversions Part 2

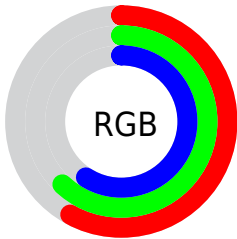
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 155, 158
Decimal	9674391
CIELab	64.07, -5.29, 2.30
CIELCh	64, 5.772, 156.532
Yxy	32.8911, 0.3084, 0.3398
Android (android.graphics.Color)	4287864471 (0xFF939E97)
YUV	153.9130, -1.4361, -6.0627
Hunter-Lab	57.3508, -7.4723, 4.9403

# Details

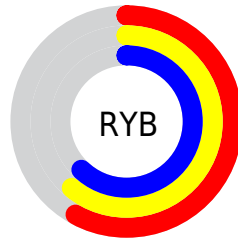
The Hex color **939E97** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9E939A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C9D5CD**, and **606B64** is the 20% darker color. If you saturate the color by 10%, you get **839E8D**, and if you desaturate by 10%, it is **A39EA1**.

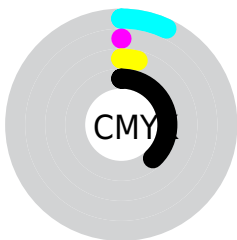
# Distribution



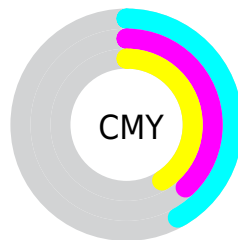
- Red (58%)
- Green (62%)
- Blue (59%)



- Red (58%)
- Yellow (61%)
- Blue (62%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939E97 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 939E97 by changing the saturation by 10% instead.



■ 939E97

■ 939E97

FFFFFF

■ 79847D

■ C9D5CD

■ 606B64

■ E5F1E9

■ 49534C

■ 323B36

■ 1D2620

■ 041109

■ 000000

■ 939E97

■ 939E97

■ 839E8D

■ A39EA1

 739E83

 B39EAB

 649E79

 C29EB5

 549E6F

 D29EBF

 449E65

 E29EC9

 349E5B

 F29ED3

 249E51

 FF9EDD

 159E47

 FF9EE7

 059E3D

 FF9EF1

# Harmonies

## Analogous

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



999D93



939E97



8F9E9C

# Triad

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



939E97



979BA5



A69895

# Complementary

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



939E97



9E939A

# 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.



A6989A



939E97



9E9AA4

# Square

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



939E97



929DA5



A3989F



A49A92

# Rectangle

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



939E97



8F9EA0



A3989F



A79897



# Sweetspot

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



939E97



CACFCC



9A9E93



666967



E8E8E8



696969



# Same Dimension

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



939E97



BECFC4



939E9C



474F4A



008F34



000F06



# Inverse Universe

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



9E939A



CFBEC9



9E9395



4F474C



8F005B



0F000A



# Previews

## White Background



This preview shows how the Hex color 939E97 looks on a white background.

## Color Contrast Check

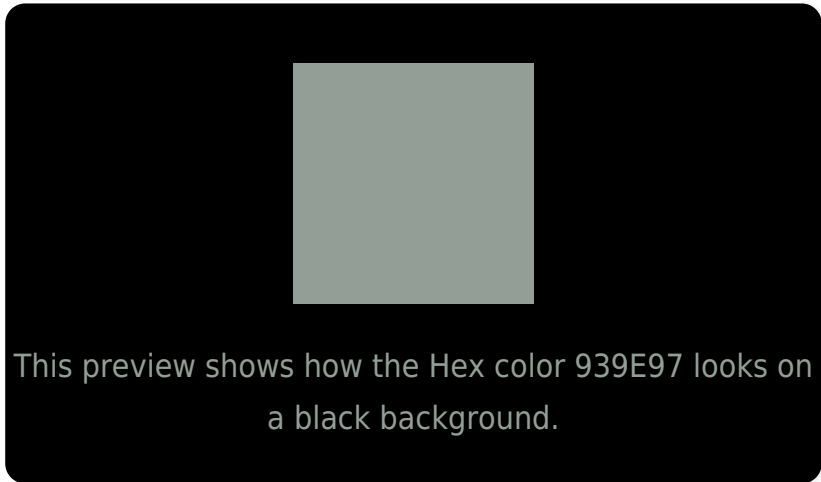
Large Text (above 18pt) WCAG AA × Fail

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

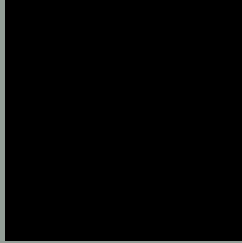
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

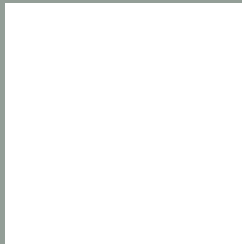
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 939E97 Background



This preview shows how black text looks on a background with the Hex color 939E97.



This preview shows how white text looks on a background with the Hex color 939E97.

# 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**  
939E97

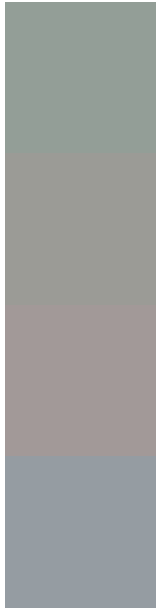
**Protanopia**  
9F9A95

**Deuteranopia**  
AB9699



**Tritanopia**  
969BA8

# Trichromacy



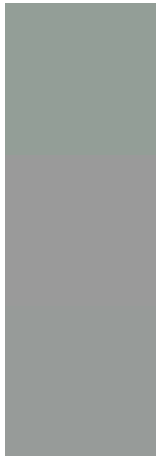
**Original Color**  
939E97

**Protanomaly**  
9B9B96

**Deuteranomaly**  
A29998

**Tritanomaly**  
959CA2

# Monochromacy



**Original Color**  
939E97

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
979B99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939E97 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 #939E97 looks like.

```
.text, #text, p{  
    color:#939E97  
}
```

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 #939E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939E97
}
```

## Border

The CSS property to change the border of an element to Hex 939E97 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
#939E97 }
```

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

```
.border{ border-color:#939E97 }
```

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

Here you see how a box with a 4 pixel #939E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939E97; -webkit-box-shadow:4px 4px  
4px 4px #939E97; box-shadow:4px 4px 4px  
4px #939E97 }
```

# Background

The CSS property to change the background color of an element to Hex 939E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939E97 }
```

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

```
.background{ background-color:#939E97 }
```

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