

# Converting Colors

Hex(939480)

Have a look what the booklet for  
Hex(939480) contains.

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**Color**

**Hex(939480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	939480
RGB	147, 148, 128
RGB Percent	58%, 58%, 50%
CMY	0.4235, 0.4196, 0.4980
CMYK	0.01, 0.00, 0.14, 0.42
HSL	63°, 9%, 54%
HSV	63°, 14%, 58%
XYZ	26.5188, 28.9414, 24.6106
YIQ	145.4210, 5.8240, -6.4320

# Conversions

## Conversions Part 2

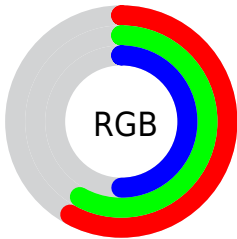
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 148, 129
Decimal	9671808
CIELab	60.73, -4.01, 10.46
CIElCh	61, 11.207, 110.980
Yxy	28.9414, 0.3312, 0.3614
Android (android.graphics.Color)	4287861888 (0xFF939480)
YUV	145.4210, -8.5886, 1.3848
Hunter-Lab	53.7972, -6.1552, 10.5346

# Details

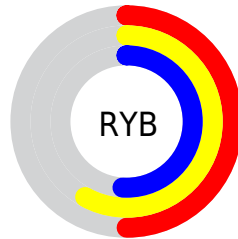
The Hex color **939480** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **818094**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C9CAB5**, and **60614F** is the 20% darker color. If you saturate the color by 10%, you get **929471**, and if you desaturate by 10%, it is **94948F**.

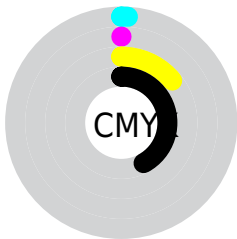
# Distribution



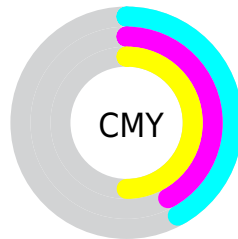
- Red (58%)
- Green (58%)
- Blue (50%)



- Red (50%)
- Yellow (58%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 939480 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 939480 by changing the saturation by 10% instead.



■ 939480

■ 939480

FFFFFF

■ 797A67

■ C9CAB5

■ 60614F

■ E5E6D0

■ 484A38

■ FFFFD

■ 323322

■ 1D1E0D

■ 000500

■ 000000

■ 939480

■ 939480

■ 929471

■ 94948F

 929462

 94949E

 919454

 9594AC

 909445

 9694BB

 8F9436

 9794CA

 8F9427

 9794D9

 8E9418

 9894E8

 8D940A

 9994F6

 8D9400

 9A94FF

# Harmonies

## Analogous

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



9E917F



939480



889786

# Triad

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



939480



7C97A1



A58C96

# Complementary

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



939480



818094

# 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.



9D8E9F



939480



8494A6

# Square

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



939480



799899



9191A5



A88C8C

# Rectangle

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



939480



81988C



9191A5



A38C99



# Sweetspot

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



939480



BFBFB8



948180



61615C



E0E0E0



616161



# Same Dimension

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



939480



BEBFA1



899480



4A4A43



838A00



0A0A00



# Inverse Universe

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



818094



A2A1BF



8B8094



43434A



07008A



01000A



# Previews

## White Background



This preview shows how the Hex color 939480 looks on a white background.

## Color Contrast Check

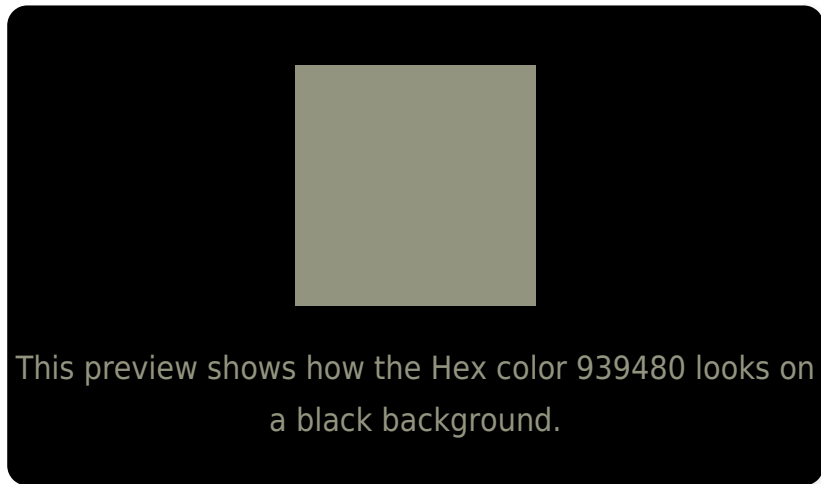
Large Text (above 18pt) WCAG AA ✓ Pass

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

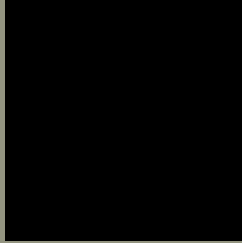
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

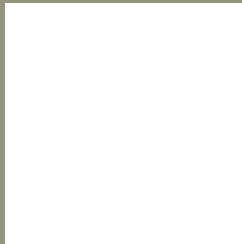
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 939480 Background



This preview shows how black text looks on a background with the Hex color 939480.



This preview shows how white text looks on a background with the Hex color 939480.

# 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**  
939480

**Protanopia**  
99927F

**Deuteranopia**  
A78D81



**Tritanopia**  
97909B

# Trichromacy



**Original Color**  
939480

**Protanomaly**  
97937F

**Deuteranomaly**  
A09081

**Tritanomaly**  
969191

# Monochromacy



**Original Color**  
939480

**Achromatopsia**  
919191

**Achromatomaly**  
92928B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939480 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 #939480 looks like.

```
.text, #text, p{  
    color:#939480  
}
```

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 #939480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939480
}
```

## Border

The CSS property to change the border of an element to Hex 939480 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
#939480 }
```

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

```
.border{ border-color:#939480 }
```

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

Here you see how a box with a 4 pixel #939480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939480; -webkit-box-shadow:4px 4px  
4px 4px #939480; box-shadow:4px 4px 4px  
4px #939480 }
```

# Background

The CSS property to change the background color of an element to Hex 939480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939480 }
```

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

```
.background{ background-color:#939480 }
```

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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