

# Converting Colors

Hex(939881)

Have a look what the booklet for  
Hex(939881) contains.

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# **Color**

**Hex(939881)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	939881
RGB	147, 152, 129
RGB Percent	58%, 60%, 51%
CMY	0.4235, 0.4039, 0.4941
CMYK	0.03, 0.00, 0.15, 0.40
HSL	73°, 10%, 55%
HSV	73°, 15%, 60%
XYZ	27.2233, 30.2445, 25.1718
YIQ	147.8830, 4.4030, -8.2130

# Conversions

## Conversions Part 2

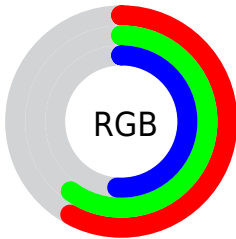
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 152, 134
Decimal	9672833
CIELab	61.86, -6.04, 11.50
CIElCh	62, 12.989, 117.690
Yxy	30.2445, 0.3294, 0.3660
Android (android.graphics.Color)	4287862913 (0xFF939881)
YUV	147.8830, -9.3093, -0.7744
Hunter-Lab	54.9950, -7.8812, 11.3588

# Details

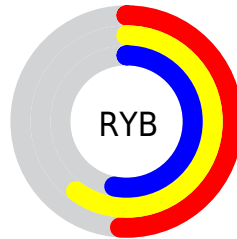
The Hex color **939881** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868198**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C9CEB6**, and **606550** is the 20% darker color. If you saturate the color by 10%, you get **909872**, and if you desaturate by 10%, it is **969890**.

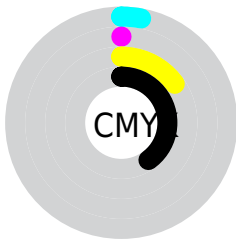
# Distribution



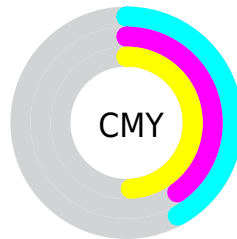
- Red (58%)
- Green (60%)
- Blue (51%)



- Red (51%)
- Yellow (60%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939881 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 939881 by changing the saturation by 10% instead.



■ 939881

■ 939881

FFFFFF

■ 797E68

■ C9CEB6

■ 606550

■ E5EAD1

■ 484D39

■ FFFFEE

■ 323623

■ 1D210E

■ 000B00

■ 000000

■ 939881

■ 939881

■ 909872

■ 969890

 8C9863

 9A989F

 899853

 9D98AF

 869844

 A098BE

 829835

 A498CD

 7F9826

 A798DC

 7C9817

 AA98EB

 799807

 AD98FB

 779800

 B198FF

# Harmonies

## Analogous

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



A0947F



939881



869B89

# Triad

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



939881



7C9AA8



AC8E97

# Complementary

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



939881



868198

# 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.



A48FA2



939881



8897AC

# Square

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



939881



789CA0



9793AA



AE8E8B

# Rectangle

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



939881



7F9C90



9793AA



AA8E9B



# Sweetspot

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



939881



C2C4BB



988681



62635D



E3E3E3



636363



# Same Dimension

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



939881



BDC4A1



889881



4B4D45



6E8C00



0A0D00



# Inverse Universe

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



868198



A9A1C4



918198



47454D



1E008C



03000D



# Previews

## White Background



This preview shows how the Hex color 939881 looks on a white background.

## Color Contrast Check

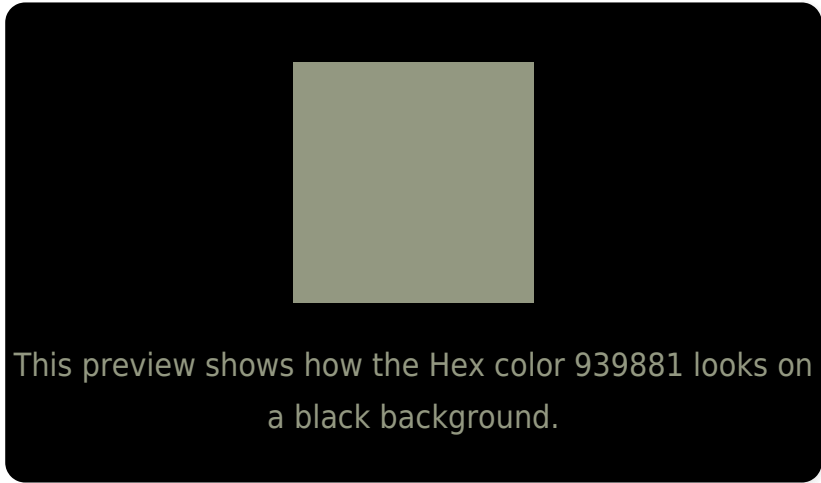
Large Text (above 18pt) WCAG AA × Fail

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

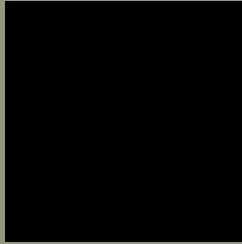
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 939881 Background



This preview shows how black text looks on a background with the Hex color 939881.



This preview shows how white text looks on a background with the Hex color 939881.

# 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**  
939881

**Protanopia**  
9D957F

**Deuteranopia**  
AA9083



**Tritanopia**  
97949F

# Trichromacy



**Original Color**  
939881

**Protanomaly**  
999680

**Deuteranomaly**  
A29382

**Tritanomaly**  
969594

# Monochromacy



**Original Color**  
939881

**Achromatopsia**  
949494

**Achromatomaly**  
94958D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939881 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 #939881 looks like.

```
.text, #text, p{  
    color:#939881  
}
```

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 #939881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939881
}
```

## Border

The CSS property to change the border of an element to Hex 939881 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
#939881 }
```

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

```
.border{ border-color:#939881 }
```

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

Here you see how a box with a 4 pixel #939881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939881; -webkit-box-shadow:4px 4px  
4px 4px #939881; box-shadow:4px 4px 4px  
4px #939881 }
```

# Background

The CSS property to change the background color of an element to Hex 939881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939881 }
```

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

```
.background{ background-color:#939881 }
```

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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