

Converting Colors

Hex(939647)

Have a look what the booklet for
Hex(939647) contains.

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Color

Hex(939647)

Conversions

Conversions Part 1

Format	Color
Hex	939647
RGB	147, 150, 71
RGB Percent	58%, 59%, 28%
CMY	0.4235, 0.4118, 0.7216
CMYK	0.02, 0.00, 0.53, 0.41
HSL	62°, 36%, 43%
HSV	62°, 53%, 59%
XYZ	24.0763, 28.4707, 10.1877
YIQ	140.0970, 23.5710, -25.2050

Conversions

Conversions Part 2

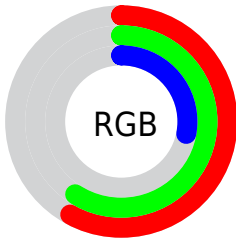
Format	Color
RYB	71, 150, 74
Decimal	9672263
CIELab	60.31, -12.57, 40.78
CIELCh	60, 42.668, 107.127
Yxy	28.4707, 0.3838, 0.4538
Android (android.graphics.Color)	4287862343 (0xFF939647)
YUV	140.0970, -34.0648, 6.0539
Hunter-Lab	53.3579, -12.8331, 26.0303

Details

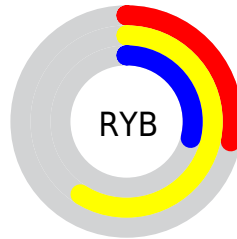
The Hex color **939647** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4A4796**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **CBCC7A**, and **5E6315** is the 20% darker color. If you saturate the color by 10%, you get **929638**, and if you desaturate by 10%, it is **949656**.

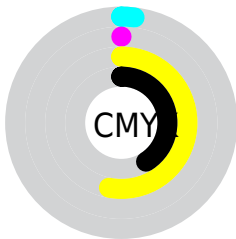
Distribution



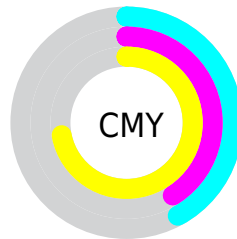
- Red (58%)
- Green (59%)
- Blue (28%)



- Red (28%)
- Yellow (59%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939647 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 939647 by changing the saturation by 10% instead.



939647



939647

FFFFFF



787C2E



CBCC7A



5E6315



E7E894



454C00



FFFFAF



2D3500



FFFFCB



152000



FFFFE8



000200



000000



939647



939647



929638




949656

 929629

 949665

 91961A

 959674

 91960B

 959683

 909600

 969692

 9696A1

 9796B0

 9896BF

 9896CE

Harmonies

Analogous

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



B68A47



939647



689F5C

Triad

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



939647



00A2C8



CF74A3

Complementary

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



939647



4A4796

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.



B07FC5



939647



1E9ADA

Square

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



939647



00A5A6



7A8ED9



D9737D

Rectangle

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



939647



44A273



7A8ED9



C777AF

Sweetspot

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



939647



C1C2A3



964A47



60614E



E0E0E0



616161

Same Dimension

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



939647



BDC248



6C9647



4A4A43



848A00



0A0A00

Inverse Universe

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



4A4796



4C48C2



714796



43434A



05008A



00000A

Previews

White Background



This preview shows how the Hex color 939647 looks on a white background.

Color Contrast Check

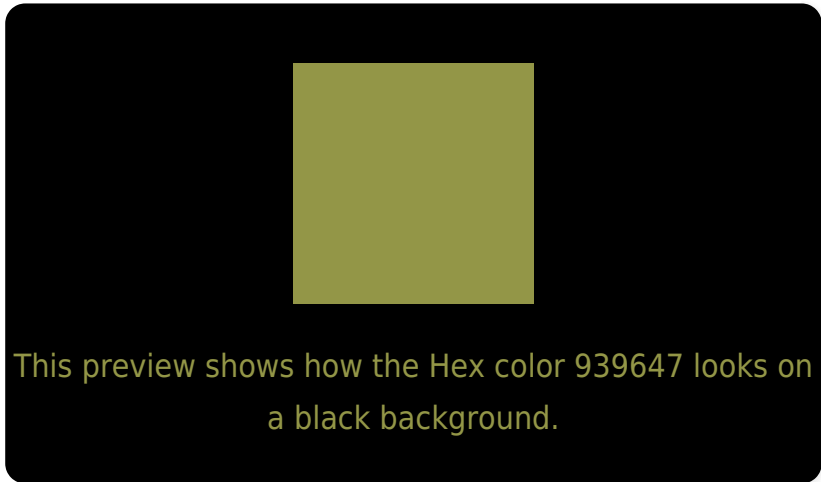
Large Text (above 18pt) WCAG AA ✓ Pass

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 939647 Background



This preview shows how black text looks on a background with the Hex color 939647.



This preview shows how white text looks on a background with the Hex color 939647.

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
939647

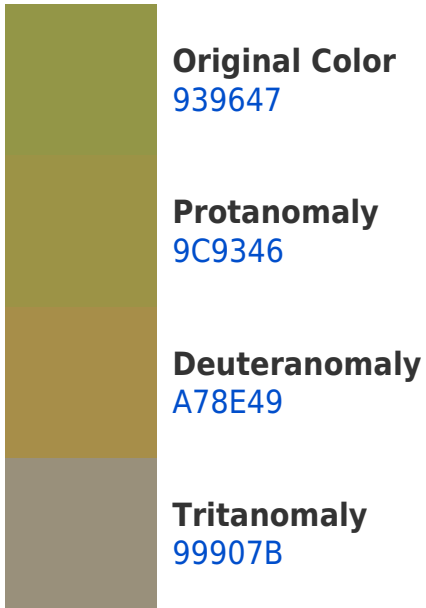
Protanopia
A19146

Deuteranopia
B38A4A

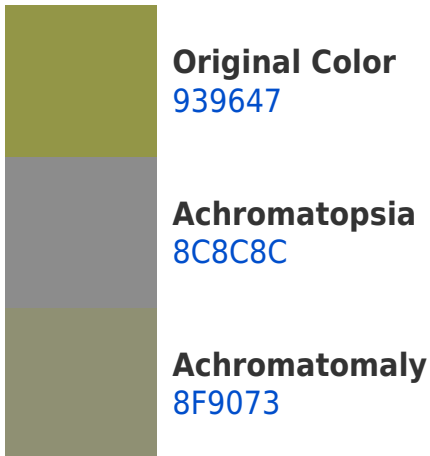


Tritanopia
9C8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939647 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 #939647 looks like.

```
.text, #text, p{  
    color:#939647  
}
```

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 #939647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939647
}
```

Border

The CSS property to change the border of an element to Hex 939647 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
#939647 }
```

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

```
.border{ border-color:#939647 }
```

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

Here you see how a box with a 4 pixel #939647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939647; -webkit-box-shadow:4px 4px  
4px 4px #939647; box-shadow:4px 4px 4px  
4px #939647 }
```

Background

The CSS property to change the background color of an element to Hex 939647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939647 }
```

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

```
.background{ background-color:#939647 }
```

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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