

Converting Colors

Hex(939700)

Have a look what the booklet for
Hex(939700) contains.

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Color

Hex(939700)

Conversions

Conversions Part 1

Format	Color
Hex	939700
RGB	147, 151, 0
RGB Percent	58%, 59%, 0%
CMY	0.4235, 0.4078, 1.0000
CMYK	0.03, 0.00, 1.00, 0.41
HSL	62°, 100%, 30%
HSV	62°, 100%, 59%
XYZ	23.0992, 28.3363, 4.2520
YIQ	132.5900, 46.0870, -47.8090

Conversions

Conversions Part 2

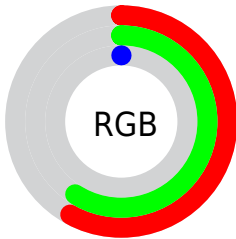
Format	Color
RYB	0, 151, 4
Decimal	9672448
CIELab	60.19, -16.39, 63.51
CIELCh	60, 65.590, 104.467
Yxy	28.3363, 0.4148, 0.5088
Android (android.graphics.Color)	4287862528 (0xFF939700)
YUV	132.5900, -65.3669, 12.6376
Hunter-Lab	53.2318, -15.6980, 32.5264

Details

The Hex color **939700** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **040097**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **CCCD48**, and **5C6400** is the 20% darker color. If you saturate the color by 10%, you get **939700**, and if you desaturate by 10%, it is **93970F**.

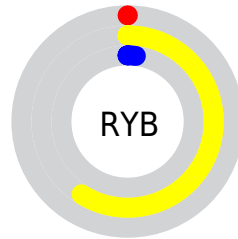
Distribution



Red (58%)

Green (59%)

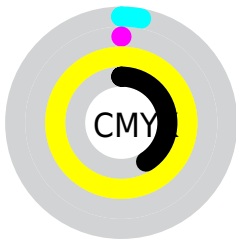
Blue (0%)



Red (0%)

Yellow (59%)

Blue (2%)

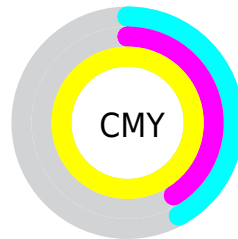


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939700 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 939700 by changing the saturation by 10% instead.

 939700

 939700

FFFFFF

 777D00

 CCCD48

 5C6400

 EAE963

 414D00

 FFFF7F

 273600

 FFFF9B

 0D2100

 FFFFB7

 000100

 FFFFD3

 000000

 FFFFF1

 939700

 93970F

 94971E

 94972D

 95973C

 95974C

 95975B

 96976A

 969779

 979788

Harmonies

Analogous

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



C68310



939700



4FA437

Triad

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



939700



00A9E1



EA5CB2

Complementary

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



939700



040097

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.



B775E4



939700



00A0FF

Square

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



939700



00ACAC



4C8EFF



F95878

Rectangle

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



939700



00A85C



4C8EFF



DD63C4

Sweetspot

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



939700



C3C489



970300



636340



E3E3E3



636363

Same Dimension

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



939700



BFC400



499700



4C4D45



898C00



0C0D00

Inverse Universe

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



040097



0500C4



4E0097



45454D



04008C



00000D

Previews

White Background



This preview shows how the Hex color 939700 looks on a white background.

Color Contrast Check

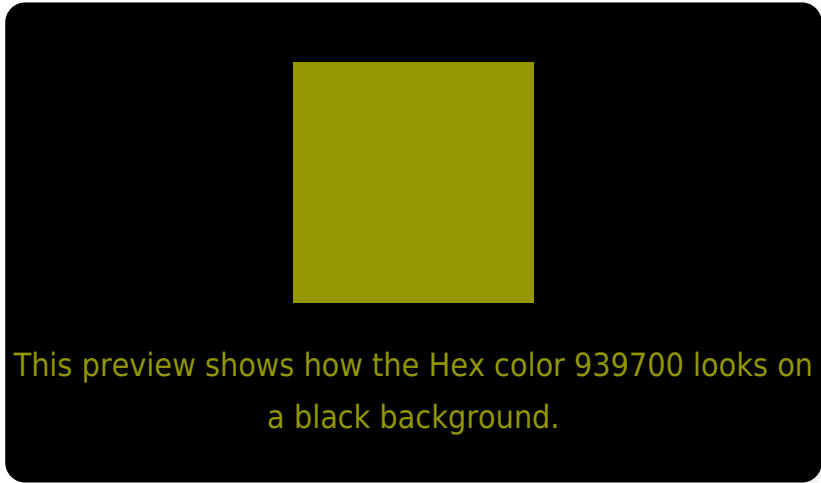
Large Text (above 18pt) WCAG AA ✓ Pass

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 939700 Background



This preview shows how black text looks on a background with the Hex color 939700.

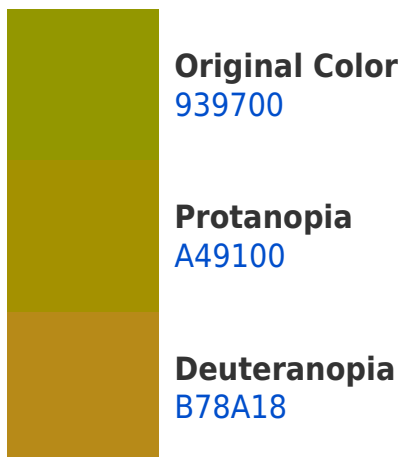


This preview shows how white text looks on a background with the Hex color 939700.

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](#).

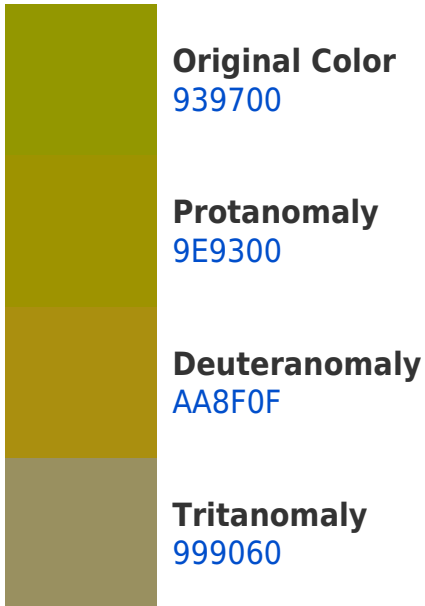
Dichromacy



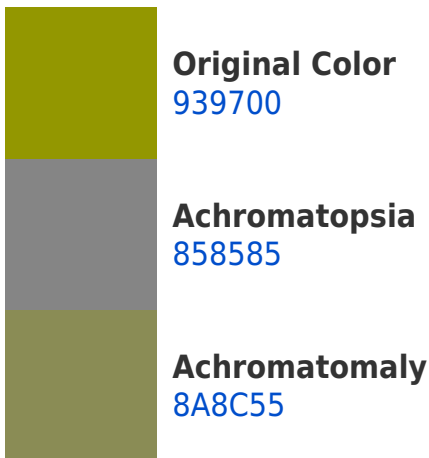


Tritanopia
9D8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939700 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 #939700 looks like.

```
.text, #text, p{  
    color:#939700  
}
```

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 #939700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939700
}
```

Border

The CSS property to change the border of an element to Hex 939700 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
#939700 }
```

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

```
.border{ border-color:#939700 }
```

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

Here you see how a box with a 4 pixel #939700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939700; -webkit-box-shadow:4px 4px  
4px 4px #939700; box-shadow:4px 4px 4px  
4px #939700 }
```

Background

The CSS property to change the background color of an element to Hex 939700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939700 }
```

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

```
.background{ background-color:#939700 }
```

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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