

Converting Colors

Hex(939E49)

Have a look what the booklet for
Hex(939E49) contains.

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Color

Hex(939E49)

Conversions

Conversions Part 1

Format	Color
Hex	939E49
RGB	147, 158, 73
RGB Percent	58%, 62%, 29%
CMY	0.4235, 0.3804, 0.7137
CMYK	0.07, 0.00, 0.54, 0.38
HSL	68°, 37%, 45%
HSV	68°, 54%, 62%
XYZ	25.4621, 31.1378, 10.9715
YIQ	145.0210, 20.7290, -28.7670

Conversions

Conversions Part 2

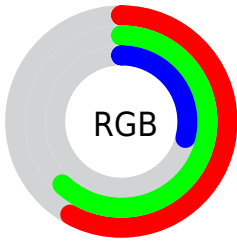
Format	Color
RYB	73, 158, 84
Decimal	9674313
CIELab	62.62, -16.57, 42.49
CIELCh	63, 45.609, 111.310
Yxy	31.1378, 0.3768, 0.4608
Android (android.graphics.Color)	4287864393 (0xFF939E49)
YUV	145.0210, -35.5064, 1.7356
Hunter-Lab	55.8013, -16.2028, 27.4034

Details

The Hex color **939E49** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **54499E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CBD57C**, and **5E6B16** is the 20% darker color. If you saturate the color by 10%, you get **919E39**, and if you desaturate by 10%, it is **959E59**.

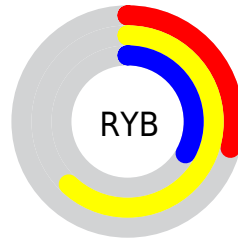
Distribution



Red (58%)

Green (62%)

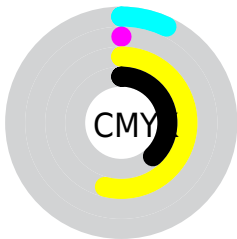
Blue (29%)



Red (29%)

Yellow (62%)

Blue (33%)

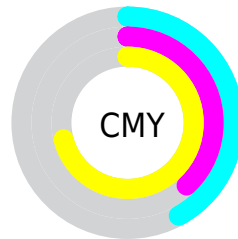


Cyan (7%)

Magenta (0%)

Yellow (54%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939E49 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 939E49 by changing the saturation by 10% instead.



939E49



939E49

FFFFFF



788430



CBD57C



5E6B16



E7F197



455300



FFFFB2



2D3B00



FFFFCE



142600



FFFEEA



001100



000000



939E49



939E49



919E39



959E59

■ 8F9E29

■ 979E69

■ 8D9E1A

■ 999E78

■ 8B9E0A

■ 9B9E88

■ 8A9E00

■ 9D9E98

■ 9F9EA8

■ A19EB8

■ A39EC7

■ A59ED7

Harmonies

Analogous

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



BA9146



939E49



63A763

Triad

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



939E49



00A8D6



DD77A5

Complementary

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



939E49



54499E

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.



BE82CB



939E49



2A9FE7

Square

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



939E49



00ACB4



8891E3



E4777C

Rectangle

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



939E49



37AA7C



8891E3



D579B2

Sweetspot

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



939E49



CACFAE



9E5349



666955



E8E8E8



696969

Same Dimension

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



939E49



BDCF48



6A9E49



4E4F47



7C8F00



0D0F00

Inverse Universe

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



54499E



5A48CF



7D499E



48474F



12008F



02000F

Previews

White Background



This preview shows how the Hex color 939E49 looks on a white background.

Color Contrast Check

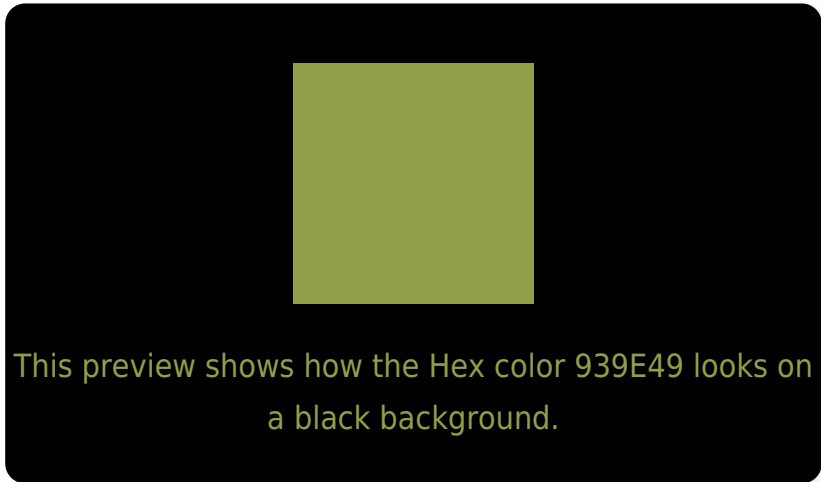
Large Text (above 18pt) WCAG AA × Fail

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

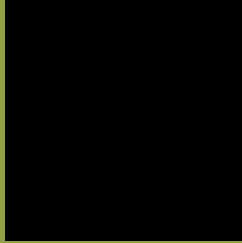
Any Text WCAG AA ✓ Pass

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 939E49 Background



This preview shows how black text looks on a background with the Hex color 939E49.

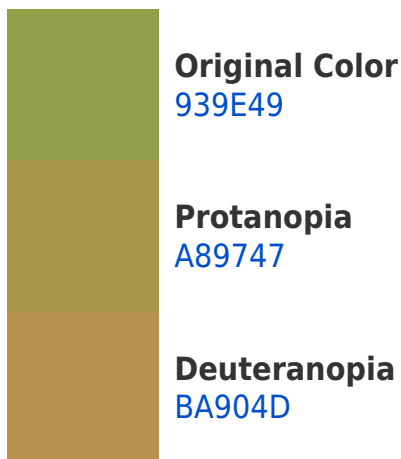


This preview shows how white text looks on a background with the Hex color 939E49.

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](#).

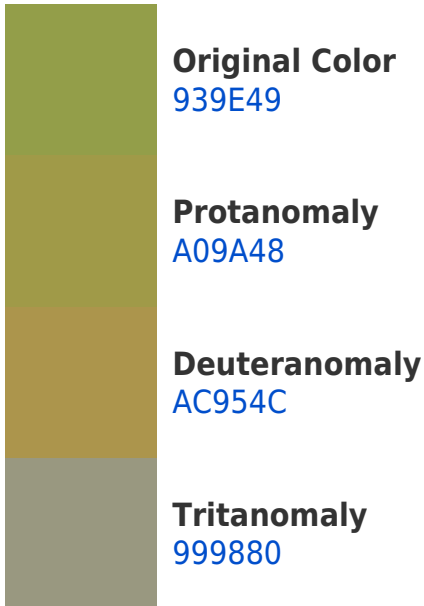
Dichromacy



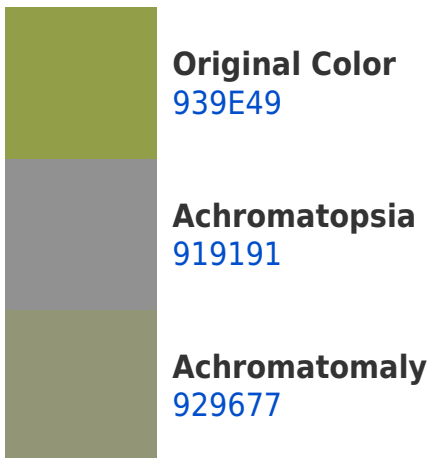


Tritanopia
9D95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939E49 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 #939E49 looks like.

```
.text, #text, p{  
    color:#939E49  
}
```

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 #939E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939E49
}
```

Border

The CSS property to change the border of an element to Hex 939E49 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
#939E49 }
```

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

```
.border{ border-color:#939E49 }
```

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

Here you see how a box with a 4 pixel #939E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939E49; -webkit-box-shadow:4px 4px  
4px 4px #939E49; box-shadow:4px 4px 4px  
4px #939E49 }
```

Background

The CSS property to change the background color of an element to Hex 939E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939E49 }
```

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

```
.background{ background-color:#939E49 }
```

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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