

Converting Colors

Hex(939A40)

Have a look what the booklet for
Hex(939A40) contains.

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Color

Hex(939A40)

Conversions

Conversions Part 1

Format	Color
Hex	939A40
RGB	147, 154, 64
RGB Percent	58%, 60%, 25%
CMY	0.4235, 0.3961, 0.7490
CMYK	0.05, 0.00, 0.58, 0.40
HSL	65°, 41%, 43%
HSV	65°, 58%, 60%
XYZ	24.5136, 29.6844, 9.2881
YIQ	141.6470, 24.7180, -29.4740

Conversions

Conversions Part 2

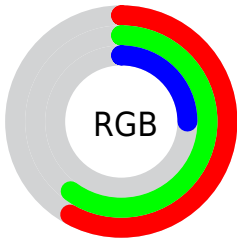
Format	Color
RYB	64, 154, 71
Decimal	9673280
CIELab	61.38, -15.27, 45.37
CIElCh	61, 47.875, 108.600
Yxy	29.6844, 0.3861, 0.4676
Android (android.graphics.Color)	4287863360 (0xFF939A40)
YUV	141.6470, -38.2800, 4.6946
Hunter-Lab	54.4834, -15.0337, 28.0308

Details

The Hex color **939A40** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **47409A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CBD073**, and **5E6709** is the 20% darker color. If you saturate the color by 10%, you get **929A31**, and if you desaturate by 10%, it is **949A4F**.

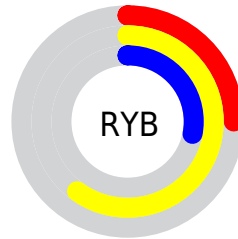
Distribution



Red (58%)

Green (60%)

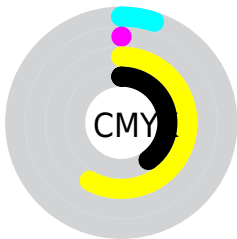
Blue (25%)



Red (25%)

Yellow (60%)

Blue (28%)

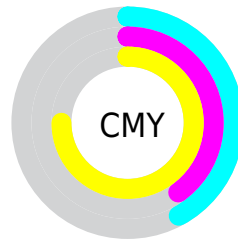


Cyan (5%)

Magenta (0%)

Yellow (58%)

Black (40%)



Cyan (42%)

Magenta (40%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939A40 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 939A40 by changing the saturation by 10% instead.



939A40



939A40

FFFFFF



788027



CBD073



5E6709



E8EC8E



444F00



FFFFA9



2C3800



FFFFC5



132300



FFFFEE



000900

FFFFFFE



000000



939A40



939A40



929A31



949A4F

■ 919A21

■ 959A5F

■ 8F9A12

■ 979A6E

■ 8E9A02

■ 989A7E

■ 8E9A00

■ 999A8D

■ 9A9A9C

■ 9B9AAC

■ 9D9ABB

■ 9E9ACB

Harmonies

Analogous

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



BB8C3F



939A40



62A35A

Triad

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



939A40



00A6D3



DA72A6

Complementary

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



939A40



47409A

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.



B87FCD



939A40



009DE7

Square

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



939A40



00A9AE



7C8FE4



E4717B

Rectangle

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



939A40



32A774



7C8FE4



D275B4

Sweetspot

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



939A40



C7C9A5



9A4640



646650



E6E6E6



666666

Same Dimension

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



939A40



BEC93C



679A40



4C4D45



818C00



0C0D00

Inverse Universe

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



47409A



473CC9



73409A



45454D



0B008C



01000D

Previews

White Background



This preview shows how the Hex color 939A40 looks on a white background.

Color Contrast Check

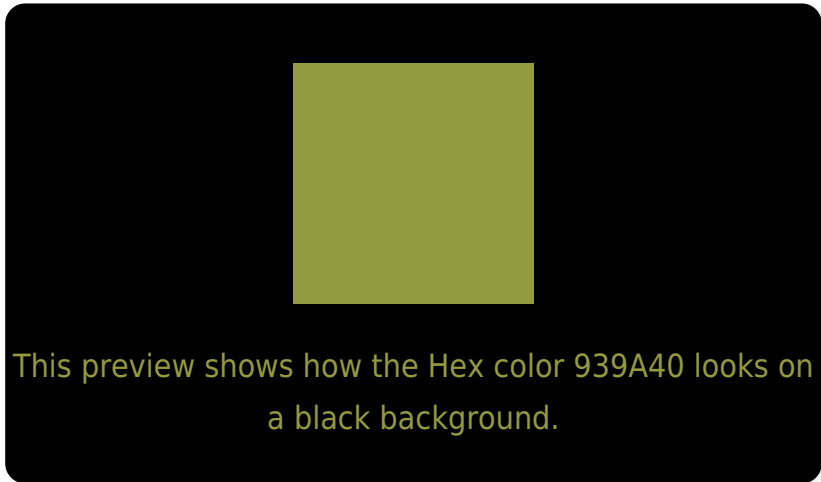
Large Text (above 18pt) WCAG AA ✓ Pass

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 939A40 Background



This preview shows how black text looks on a background with the Hex color 939A40.

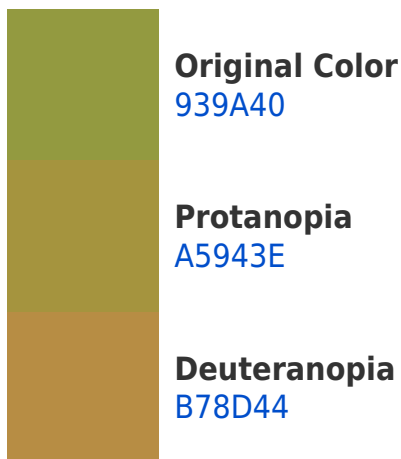



This preview shows how white text looks on a background with the Hex color 939A40.

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](#).

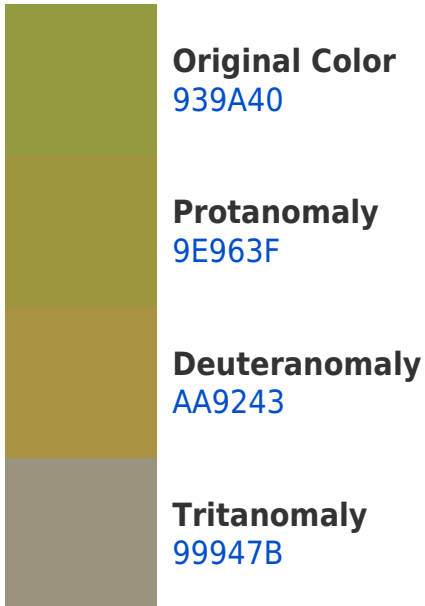
Dichromacy



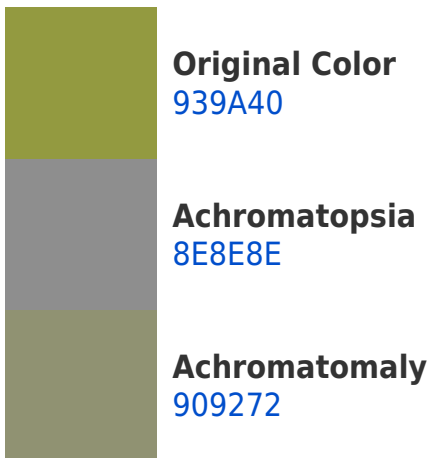


Tritanopia
9C919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939A40 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 #939A40 looks like.

```
.text, #text, p{  
    color:#939A40  
}
```

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 #939A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939A40
}
```

Border

The CSS property to change the border of an element to Hex 939A40 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
#939A40 }
```

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

```
.border{ border-color:#939A40 }
```

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

Here you see how a box with a 4 pixel #939A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939A40; -webkit-box-shadow:4px 4px  
4px 4px #939A40; box-shadow:4px 4px 4px  
4px #939A40 }
```

Background

The CSS property to change the background color of an element to Hex 939A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939A40 }
```

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

```
.background{ background-color:#939A40 }
```

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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