

Converting Colors

Hex(939E3D)

Have a look what the booklet for
Hex(939E3D) contains.

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Color

Hex(939E3D)

Conversions

Conversions Part 1

Format	Color
Hex	939E3D
RGB	147, 158, 61
RGB Percent	58%, 62%, 24%
CMY	0.4235, 0.3804, 0.7608
CMYK	0.07, 0.00, 0.61, 0.38
HSL	67°, 44%, 43%
HSV	67°, 61%, 62%
XYZ	25.1018, 30.9937, 9.0743
YIQ	143.6530, 24.5810, -32.4990

Conversions

Conversions Part 2

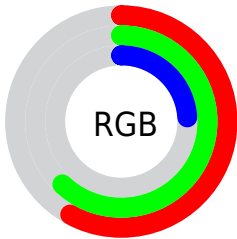
Format	Color
RYB	61, 158, 72
Decimal	9674301
CIELab	62.50, -17.58, 47.99
CIELCh	63, 51.107, 110.118
Yxy	30.9937, 0.3852, 0.4756
Android (android.graphics.Color)	4287864381 (0xFF939E3D)
YUV	143.6530, -40.7479, 2.9353
Hunter-Lab	55.6720, -16.9426, 29.3064

Details

The Hex color **939E3D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **483D9E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CBD571**, and **5E6B02** is the 20% darker color. If you saturate the color by 10%, you get **919E2D**, and if you desaturate by 10%, it is **959E4D**.

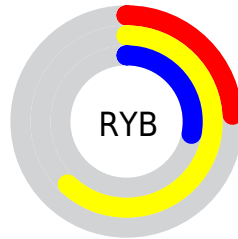
Distribution



Red (58%)

Green (62%)

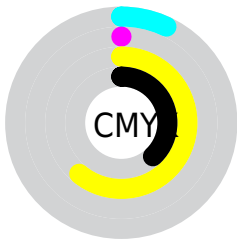
Blue (24%)



Red (24%)

Yellow (62%)

Blue (28%)

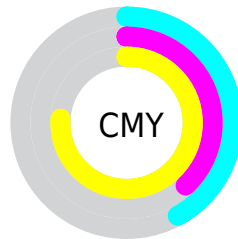


Cyan (7%)

Magenta (0%)

Yellow (61%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939E3D 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 939E3D by changing the saturation by 10% instead.

 939E3D

 939E3D

FFFFFF

 788423

 CBD571

 5E6B02

 E8F18B

 445300

 FFFFA6

 2B3C00

 FFFF C2

 122600

 FFFF DF


 001000

FFFFFF C

 000000

 939E3D

 939E3D

 919E2D

 959E4D

■ 8F9E1D

■ 979E5D

■ 8E9E0E

■ 989E6C

■ 8C9E00

■ 9A9E7C

■ 9C9E8C

■ 9E9E9C

■ A09EAC

■ A19EBB

■ A39ECB

Harmonies

Analogous

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



BE8F3A



939E3D



5DA85A

Triad

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



939E3D



00AADC



E371A8

Complementary

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



939E3D



483D9E

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.



C07FD2



939E3D



00A0F0

Square

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



939E3D



00AEB5



8091EC



EB717A

Rectangle

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



939E3D



21AC77



8091EC



DA75B7

Sweetspot

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



939E3D



CACFA9



9E473D



666952



E8E8E8



696969

Same Dimension

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



939E3D



BDCF36



649E3D



4E4F47



7F8F00



0E0F00

Inverse Universe

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



483D9E



4736CF



773D9E



48474F



10008F



02000F

Previews

White Background



This preview shows how the Hex color 939E3D looks on a white background.

Color Contrast Check

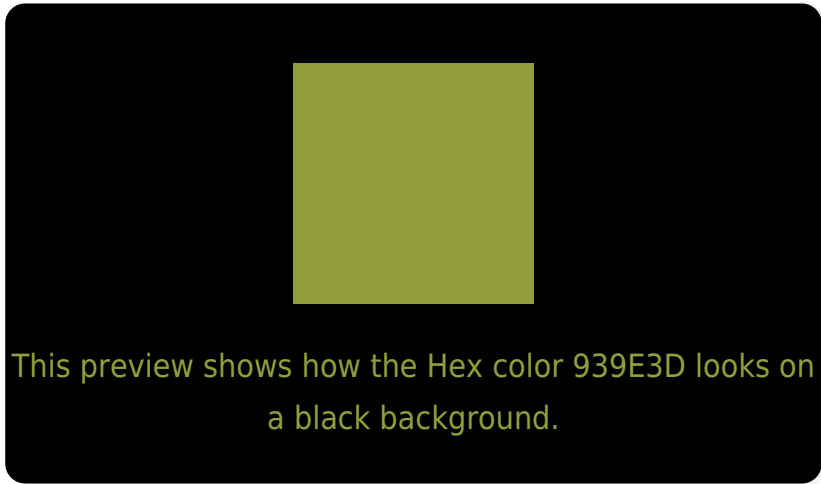
Large Text (above 18pt) WCAG AA × Fail

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

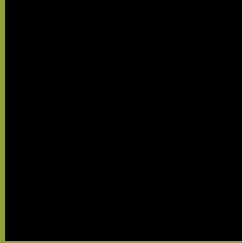
Any Text WCAG AA ✓ Pass

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 939E3D Background



This preview shows how black text looks on a background with the Hex color 939E3D.



This preview shows how white text looks on a background with the Hex color 939E3D.

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
9D94A0

Trichromacy



Original Color
939E3D

Protanomaly
A09A3C

Deuteranomaly
AC9540

Tritanomaly
99987C

Monochromacy



Original Color
939E3D

Achromatopsia
909090

Achromatomaly
919572

CSS Examples

Text

The CSS property to change the color of the text to Hex 939E3D 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 #939E3D looks like.

```
.text, #text, p{  
    color:#939E3D  
}
```

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 #939E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939E3D
}
```

Border

The CSS property to change the border of an element to Hex 939E3D 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
#939E3D }
```

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

```
.border{ border-color:#939E3D }
```

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

Here you see how a box with a 4 pixel #939E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939E3D; -webkit-box-shadow:4px 4px  
4px 4px #939E3D; box-shadow:4px 4px 4px  
4px #939E3D }
```

Background

The CSS property to change the background color of an element to Hex 939E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939E3D }
```

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

```
.background{ background-color:#939E3D }
```

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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