

Converting Colors

Hex(939748)

Have a look what the booklet for
Hex(939748) contains.

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Color

Hex(939748)

Conversions

Conversions Part 1

Format	Color
Hex	939748
RGB	147, 151, 72
RGB Percent	58%, 59%, 28%
CMY	0.4235, 0.4078, 0.7176
CMYK	0.03, 0.00, 0.52, 0.41
HSL	63°, 35%, 44%
HSV	63°, 52%, 59%
XYZ	24.2689, 28.8041, 10.4115
YIQ	140.7980, 22.9750, -25.4170

Conversions

Conversions Part 2

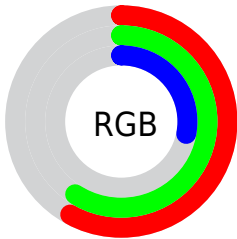
Format	Color
R_{YB}	72, 151, 76
Decimal	9672520
CIE _{Lab}	60.61, -13.00, 40.63
CIE _{LCh}	61, 42.657, 107.748
Yxy	28.8041, 0.3823, 0.4537
Android (android.graphics.Color)	4287862600 (0xFF939748)
YUV	140.7980, -33.9174, 5.4392
Hunter-Lab	53.6695, -13.2053, 26.0668

Details

The Hex color **939748** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C4897**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CBCD7B**, and **5E6416** is the 20% darker color. If you saturate the color by 10%, you get **929739**, and if you desaturate by 10%, it is **949757**.

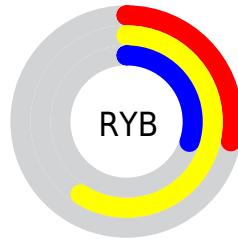
Distribution



Red (58%)

Green (59%)

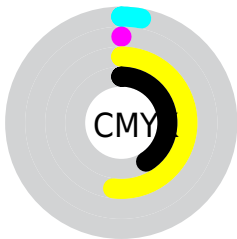
Blue (28%)



Red (28%)

Yellow (59%)

Blue (30%)

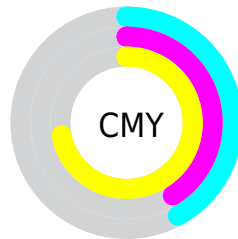


Cyan (3%)

Magenta (0%)

Yellow (52%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939748 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 939748 by changing the saturation by 10% instead.



939748



939748

FFFFFF



787D2F



CBCD7B



5E6416



E7E995



454C00



FFFFB0



2D3600



FFFCC



152100



FFFEE9



000400



000000



939748



939748



929739



949757

 91972A

 959766

 91971B

 959775

 90970C

 969784

 8F9700

 979794

 9897A3

 9897B2

 9997C1

 9A97D0

Harmonies

Analogous

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



B68B48



939748



68A05E

Triad

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



939748



00A2C9



D075A3

Complementary

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



939748



4C4897

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.



B180C5



939748



249BDB

Square

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



939748



00A5A8



7D8EDA



DA747D

Rectangle

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



939748



44A374



7D8EDA



C978AF

Sweetspot

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



939748



C3C4A5



974C48



626351



E3E3E3



636363

Same Dimension

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



939748



BEC449



6C9748



4C4D45



858C00



0C0D00

Inverse Universe

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



4C4897



4F49C4



734897



45454D



07008C



01000D

Previews

White Background



This preview shows how the Hex color 939748 looks on a white background.

Color Contrast Check

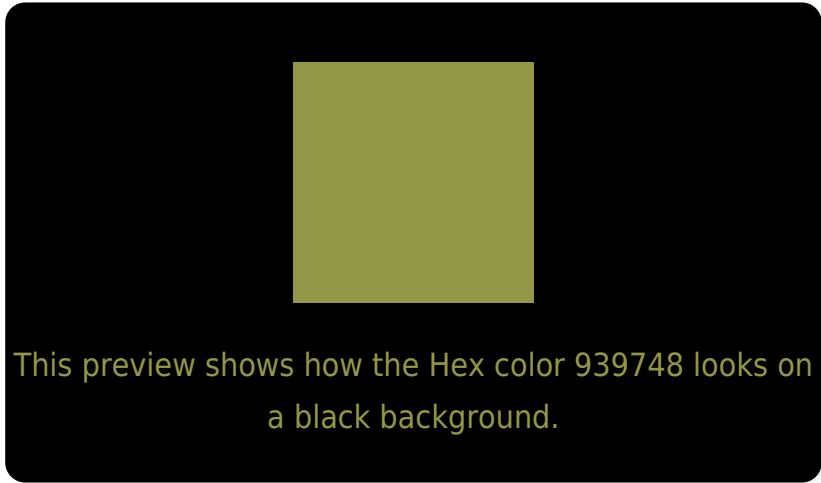
Large Text (above 18pt) WCAG AA ✓ Pass

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

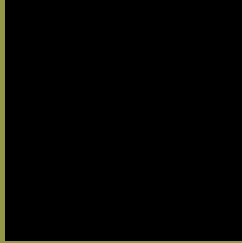
Any Text WCAG AA ✓ Pass

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 939748 Background



This preview shows how black text looks on a background with the Hex color 939748.

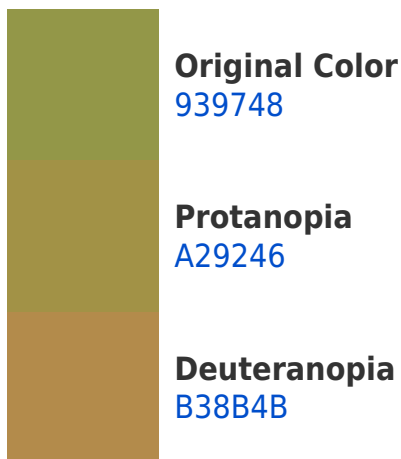


This preview shows how white text looks on a background with the Hex color 939748.

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
9C8E99

Trichromacy



Original Color
939748

Protanomaly
9D9447

Deuteranomaly
A78F4A

Tritanomaly
99917C

Monochromacy



Original Color
939748

Achromatopsia
8D8D8D

Achromatomaly
8F9174

CSS Examples

Text

The CSS property to change the color of the text to Hex 939748 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 #939748 looks like.

```
.text, #text, p{  
    color:#939748  
}
```

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 #939748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939748
}
```

Border

The CSS property to change the border of an element to Hex 939748 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
#939748 }
```

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

```
.border{ border-color:#939748 }
```

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

Here you see how a box with a 4 pixel #939748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939748; -webkit-box-shadow:4px 4px  
4px 4px #939748; box-shadow:4px 4px 4px  
4px #939748 }
```

Background

The CSS property to change the background color of an element to Hex 939748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939748 }
```

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

```
.background{ background-color:#939748 }
```

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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