

Converting Colors

Hex(939864)

Have a look what the booklet for
Hex(939864) contains.

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Color

Hex(939864)

Conversions

Conversions Part 1

Format	Color
Hex	939864
RGB	147, 152, 100
RGB Percent	58%, 60%, 39%
CMY	0.4235, 0.4039, 0.6078
CMYK	0.03, 0.00, 0.34, 0.40
HSL	66°, 21%, 49%
HSV	66°, 34%, 60%
XYZ	25.5611, 29.5796, 16.4188
YIQ	144.5770, 13.7120, -17.2320

Conversions

Conversions Part 2

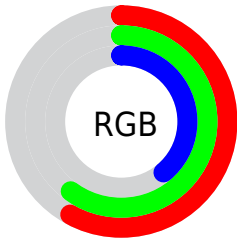
Format	Color
RYB	100, 152, 105
Decimal	9672804
CIELab	61.29, -10.41, 26.81
CIELCh	61, 28.755, 111.219
Yxy	29.5796, 0.3572, 0.4134
Android (android.graphics.Color)	4287862884 (0xFF939864)
YUV	144.5770, -21.9765, 2.1250
Hunter-Lab	54.3871, -11.2853, 20.1721

Details

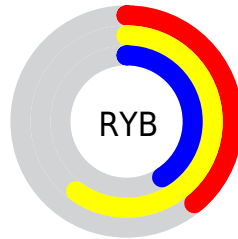
The Hex color **939864** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **696498**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CACE97**, and **5F6534** is the 20% darker color. If you saturate the color by 10%, you get **929855**, and if you desaturate by 10%, it is **949873**.

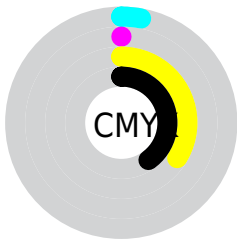
Distribution



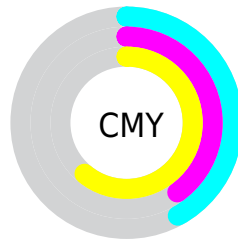
- Red (58%)
- Green (60%)
- Blue (39%)



- Red (39%)
- Yellow (60%)
- Blue (41%)



- Cyan (3%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939864 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 939864 by changing the saturation by 10% instead.

 939864

 939864

FFFFFF

 797E4C

 CACE97

 5F6534

 E6EAB2

 474D1E

 FFFFCE

 303707

 FFFFEA

 1A2100

 000900

 000000

 939864

 939864

 929855

 949873

909846

969882

8F9836

979892

8D9827

9998A1

8C9818

9A98B0

8A9809

9C98BF

899800

9D98CE

9F98DE

A098ED

Harmonies

Analogous

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



AC9062



939864



769E73

Triad

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



939864



469FBB



C1819D

Complementary

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



939864



696498

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.



AD87B4



939864



6699C6

Square

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



939864



41A2A5



8D90C3



C78283

Rectangle

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



939864



62A183



8D90C3



BC83A5

Sweetspot

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



939864



C2C4B1



986864



626358



E3E3E3



636363

Same Dimension

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



939864



BDC474



7A9864



4C4D45



7F8C00



0C0D00

Inverse Universe

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



696498



7C74C4



826498



46454D



0D008C



01000D

Previews

White Background



This preview shows how the Hex color 939864 looks on a white background.

Color Contrast Check

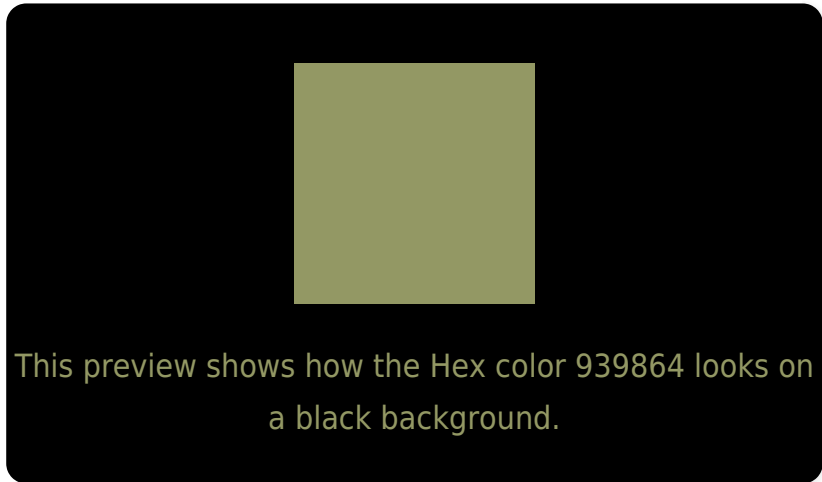
Large Text (above 18pt) WCAG AA ✓ Pass

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

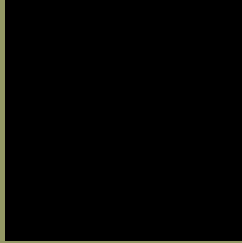
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

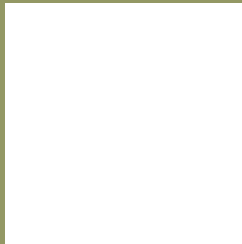
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 939864 Background



This preview shows how black text looks on a background with the Hex color 939864.

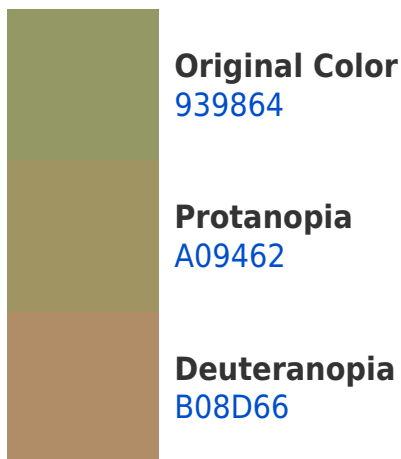


This preview shows how white text looks on a background with the Hex color 939864.

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](#).

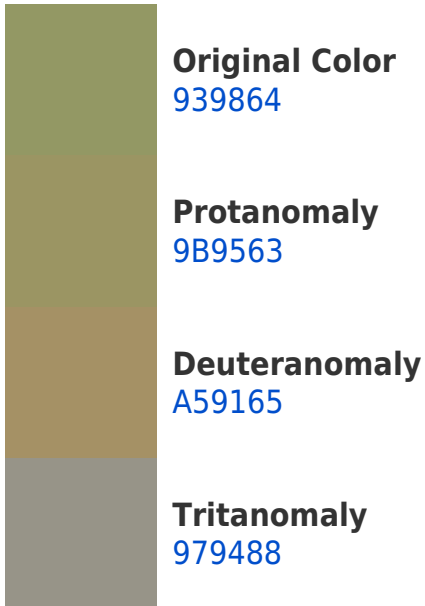
Dichromacy



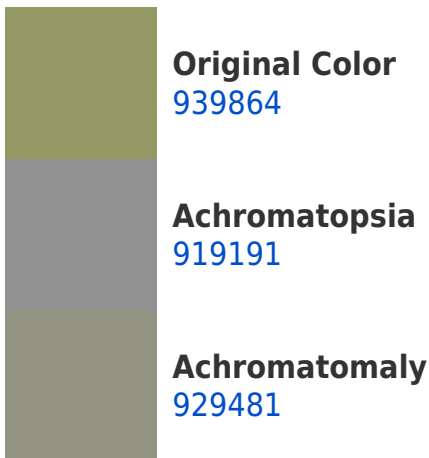


Tritanopia
9A919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939864 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 #939864 looks like.

```
.text, #text, p{  
    color:#939864  
}
```

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 #939864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939864
}
```

Border

The CSS property to change the border of an element to Hex 939864 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
#939864 }
```

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

```
.border{ border-color:#939864 }
```

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

Here you see how a box with a 4 pixel #939864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939864; -webkit-box-shadow:4px 4px  
4px 4px #939864; box-shadow:4px 4px 4px  
4px #939864 }
```

Background

The CSS property to change the background color of an element to Hex 939864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939864 }
```

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

```
.background{ background-color:#939864 }
```

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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