

Converting Colors

Hex(939C64)

Have a look what the booklet for
Hex(939C64) contains.

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Color

Hex(939C64)

Conversions

Conversions Part 1

Format	Color
Hex	939C64
RGB	147, 156, 100
RGB Percent	58%, 61%, 39%
CMY	0.4235, 0.3882, 0.6078
CMYK	0.06, 0.00, 0.36, 0.39
HSL	70°, 22%, 50%
HSV	70°, 36%, 61%
XYZ	26.2213, 30.9001, 16.6389
YIQ	146.9250, 12.6120, -19.3240

Conversions

Conversions Part 2

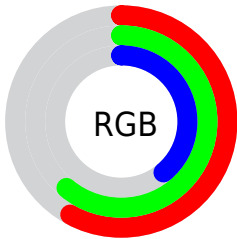
Format	Color
RYB	100, 156, 109
Decimal	9673828
CIELab	62.42, -12.54, 28.29
CIELCh	62, 30.940, 113.905
Yxy	30.9001, 0.3555, 0.4189
Android (android.graphics.Color)	4287863908 (0xFF939C64)
YUV	146.9250, -23.1340, 0.0658
Hunter-Lab	55.5878, -13.0785, 21.1644

Details

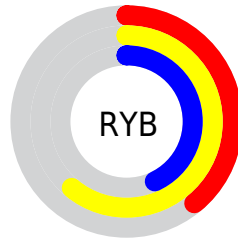
The Hex color **939C64** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D649C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CAD298**, and **5F6934** is the 20% darker color. If you saturate the color by 10%, you get **909C54**, and if you desaturate by 10%, it is **969C74**.

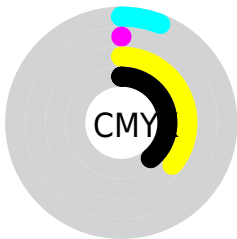
Distribution



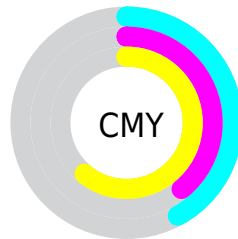
- Red (58%)
- Green (61%)
- Blue (39%)



- Red (39%)
- Yellow (61%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (36%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939C64 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 939C64 by changing the saturation by 10% instead.

 939C64

 939C64

FFFFFF

 79824C

 CAD298

 5F6934

 E6EFB2

 47511D

 FFFFCE

 2F3A06

 FFFFEA

 1A2400

 001000

 000000

 939C64

 939C64

 909C54

 969C74

 8E9C45

 989C83

 8B9C35

 9B9C93

 899C26

 9D9CA2

 869C16

 A09CB2

 849C06

 A29CC2

 839C00

 A59CD1

 A79CE1

 AA9CF0

Harmonies

Analogous

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



AF9360



939C64



73A276

Triad

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



939C64



40A2C2



C8829E

Complementary

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



939C64



6D649C

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.



B488B8



939C64



689BCD

Square

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



939C64



37A6AC



9392C9



CD8382

Rectangle

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



939C64



5DA587



9392C9



C384A7

Sweetspot

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



939C64



C8CCB6



9C6C64



646659



E6E6E6



666666

Same Dimension

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



939C64



BECC74



789C64



4E4F47



788F00



0D0F00

Inverse Universe

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



6D649C



8274CC



88649C



48474F



17008F



02000F

Previews

White Background



This preview shows how the Hex color 939C64 looks on a white background.

Color Contrast Check

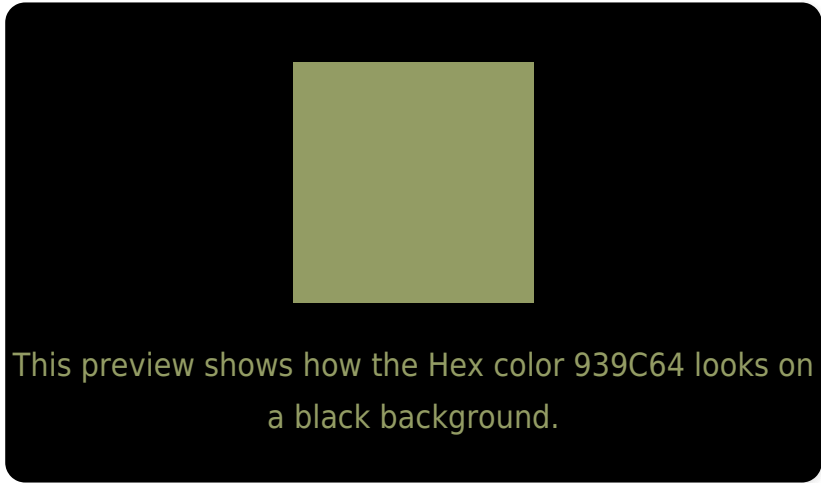
Large Text (above 18pt) WCAG AA × Fail

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

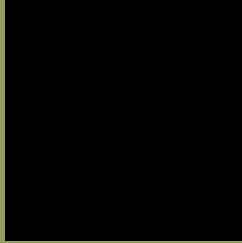
Any Text WCAG AA ✓ Pass

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 939C64 Background



This preview shows how black text looks on a background with the Hex color 939C64.



This preview shows how white text looks on a background with the Hex color 939C64.

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



Original Color
939C64

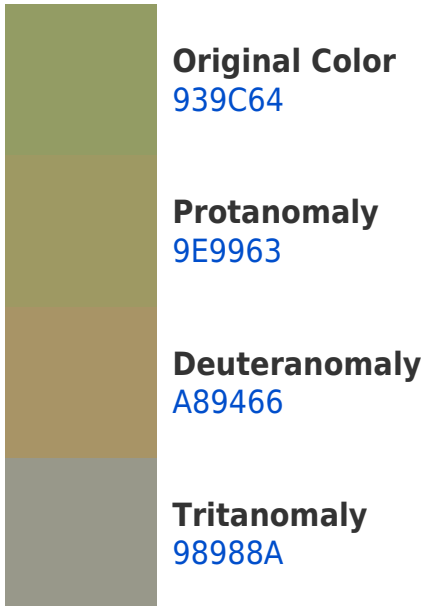
Protanopia
A49762

Deuteranopia
B49067

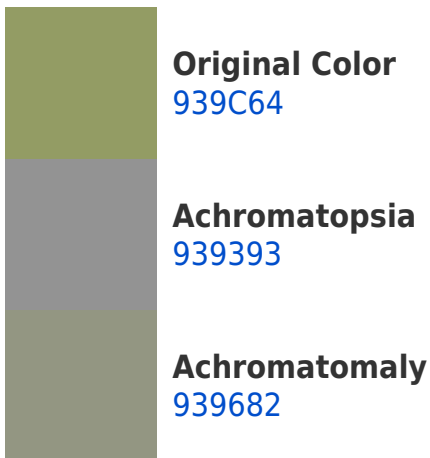


Tritanopia
9B95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939C64 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 #939C64 looks like.

```
.text, #text, p{  
    color:#939C64  
}
```

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 #939C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939C64
}
```

Border

The CSS property to change the border of an element to Hex 939C64 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
#939C64 }
```

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

```
.border{ border-color:#939C64 }
```

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

Here you see how a box with a 4 pixel #939C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939C64; -webkit-box-shadow:4px 4px  
4px 4px #939C64; box-shadow:4px 4px 4px  
4px #939C64 }
```

Background

The CSS property to change the background color of an element to Hex 939C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939C64 }
```

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

```
.background{ background-color:#939C64 }
```

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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