

# Converting Colors

Hex(939F71)

Have a look what the booklet for  
Hex(939F71) contains.

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**Color**

**Hex(939F71)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 939F71                     |
| RGB         | 147, 159, 113              |
| RGB Percent | 58%, 62%, 44%              |
| CMY         | 0.4235, 0.3765, 0.5569     |
| CMYK        | 0.08, 0.00, 0.29, 0.38     |
| HSL         | 76°, 19%, 53%              |
| HSV         | 76°, 29%, 62%              |
| XYZ         | 27.4114, 32.1916, 20.3916  |
| YIQ         | 150.1680, 7.6140, -16.8500 |

# Conversions

## Conversions Part 2

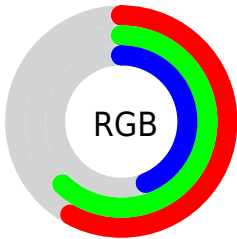
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">113, 159, 125</a>                   |
| Decimal                             | <a href="#">9674609</a>                         |
| CIELab                              | <a href="#">63.50, -12.33, 22.64</a>            |
| CIELCh                              | <a href="#">64, 25.784, 118.572</a>             |
| Yxy                                 | <a href="#">32.1916, 0.3427,<br/>0.4024</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4287864689<br/>(0xFF939F71)</a>     |
| YUV                                 | <a href="#">150.1680, -18.3238,<br/>-2.7783</a> |
| Hunter-Lab                          | <a href="#">56.7376, -13.0529,<br/>18.4074</a>  |

# Details

The Hex color **939F71** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7D719F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C9D6A5**, and **606C41** is the 20% darker color. If you saturate the color by 10%, you get **8F9F61**, and if you desaturate by 10%, it is **979F81**.

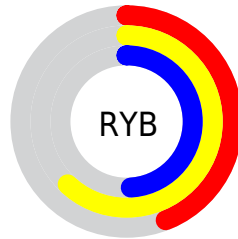
# Distribution



Red (58%)

Green (62%)

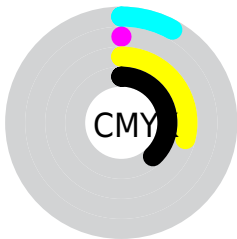
Blue (44%)



Red (44%)

Yellow (62%)

Blue (49%)

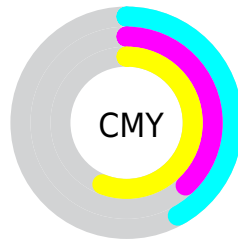


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939F71 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 939F71 by changing the saturation by 10% instead.



 939F71

 939F71

FFFFFF

 798558

 C9D6A5

 606C41

 E6F2C0

 48532A

 FFFFDC

 303C14

 FFFFF9

 1C2600

 001300

 000000

 939F71

 939F71

 8F9F61

 979F81

 8B9F51

 9B9F91

 879F41

 9F9FA1

 829F31

 A49FB1

 7E9F21

 A89FC1

 7A9F12

 AC9FD0

 769F02

 B09FE0

 769F00

 B49FF0

 B89FFF

# Harmonies

## Analogous

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



AB986C



939F71



78A481

# Triad

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



939F71



5EA2C0



C5899C

# Complementary

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



939F71



7D719F

# 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.



B68DB2



939F71



7B9CC7

# Square

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



939F71



53A6AF



9C94C2



C88A85

# Rectangle

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



939F71



68A690



9C94C2



C28AA4



# Sweetspot

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



939F71



CACFBC



9F7D71



66695D



E8E8E8



696969



# Same Dimension

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



939F71



BCCF86



7D9F71



4D4F47



6A8F00



0B0F00



# Inverse Universe

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



7D719F



9986CF



94719F



49474F



25008F



04000F



# Previews

## White Background



This preview shows how the Hex color 939F71 looks on a white background.

## Color Contrast Check

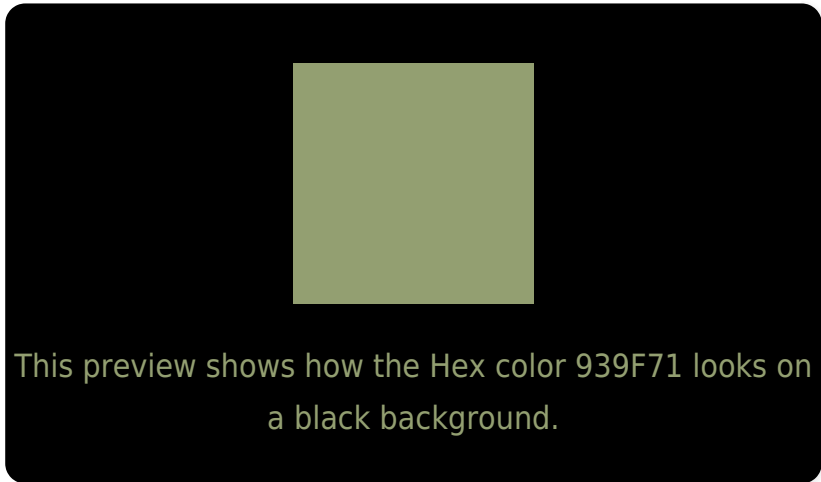
Large Text (above 18pt) WCAG AA × Fail

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

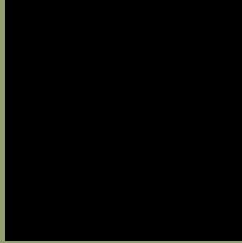
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 939F71 Background



This preview shows how black text looks on a background with the Hex color 939F71.



This preview shows how white text looks on a background with the Hex color 939F71.

# 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



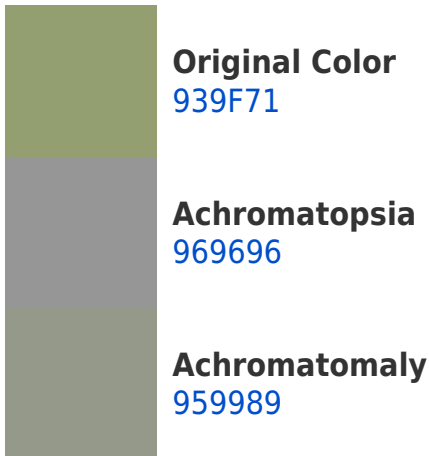


**Tritanopia**  
9A98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939F71 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 #939F71 looks like.

```
.text, #text, p{  
    color:#939F71  
}
```

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 #939F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939F71
}
```

## Border

The CSS property to change the border of an element to Hex 939F71 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
#939F71 }
```

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

```
.border{ border-color:#939F71 }
```

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

Here you see how a box with a 4 pixel #939F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939F71; -webkit-box-shadow:4px 4px  
4px 4px #939F71; box-shadow:4px 4px 4px  
4px #939F71 }
```

# Background

The CSS property to change the background color of an element to Hex 939F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939F71 }
```

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

```
.background{ background-color:#939F71 }
```

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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