

# Converting Colors

Hex(93924F)

Have a look what the booklet for  
Hex(93924F) contains.

<b>Hex(93924F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(93924F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93924F
RGB	147, 146, 79
RGB Percent	58%, 57%, 31%
CMY	0.4235, 0.4275, 0.6902
CMYK	0.00, 0.01, 0.46, 0.42
HSL	59°, 30%, 44%
HSV	59°, 46%, 58%
XYZ	23.7228, 27.3253, 11.4211
YIQ	138.6610, 22.1030, -20.6250

# Conversions

## Conversions Part 2

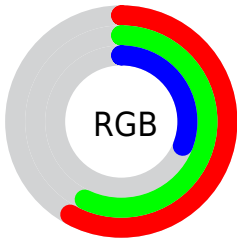
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	80, 147, 79
Decimal	9671247
CIE <sub>Lab</sub>	59.27, -9.65, 35.46
CIE <sub>LCh</sub>	59, 36.751, 105.223
Yxy	27.3253, 0.3798, 0.4374
Android (android.graphics.Color)	4287861327 (0xFF93924F)
YUV	138.6610, -29.4129, 7.3133
Hunter-Lab	52.2736, -10.4721, 23.6374

# Details

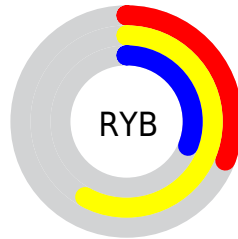
The Hex color **93924F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4F5093**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CAC882**, and **5F601F** is the 20% darker color. If you saturate the color by 10%, you get **939240**, and if you desaturate by 10%, it is **93925E**.

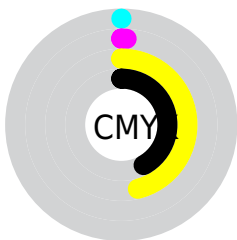
# Distribution



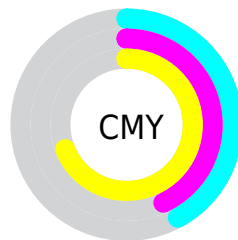
- Red (58%)
- Green (57%)
- Blue (31%)



- Red (31%)
- Yellow (58%)
- Blue (31%)



- Cyan (0%)
- Magenta (1%)
- Yellow (46%)
- Black (42%)



- Cyan (42%)
- Magenta (43%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93924F 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 93924F by changing the saturation by 10% instead.





93924F



93924F

FFFFFF



787837



CAC882



5F601F



E7E49C



464806



FFFFB7



2F3200



FFFFD3



161D00



FFFFFF0



000000



93924F



93924F



939240



93925E



939232



93926C

 939123

 93937B

 939114

 93938A

 939106

 939398

 939100

 9393A7

 9394B6

 9394C5

 9394D3

# Harmonies

## Analogous

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



B18750



93924F



6F9A60

# Triad

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



93924F



009DBC



C377A0

# Complementary

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



93924F



4F5093

# 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.



A780BC



93924F



3B97CD

# Square

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



93924F



00A09F



798CCD



CD757F

# Rectangle

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



93924F



539D73



798CCD



BC79AA



# Sweetspot

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



93924F



BFBFA4



934F50



616150



E0E0E0



616161



# Same Dimension

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



93924F



BFBE54



72934F



4A4A43



8A8800



0A0A00



# Inverse Universe

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



4F5093



5456BF



704F93



43434A



00028A



00000A



# Previews

## White Background



This preview shows how the Hex color 93924F looks on a white background.

## Color Contrast Check

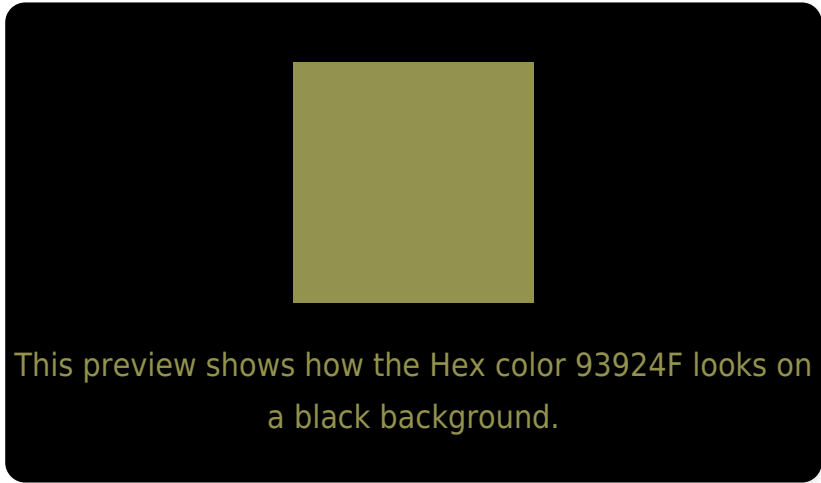
Large Text (above 18pt) WCAG AA ✓ Pass

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

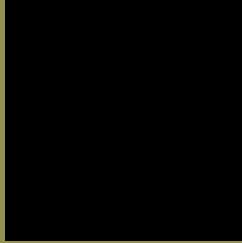
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 93924F Background



This preview shows how black text looks on a background with the Hex color 93924F.



This preview shows how white text looks on a background with the Hex color 93924F.

# 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**  
93924F

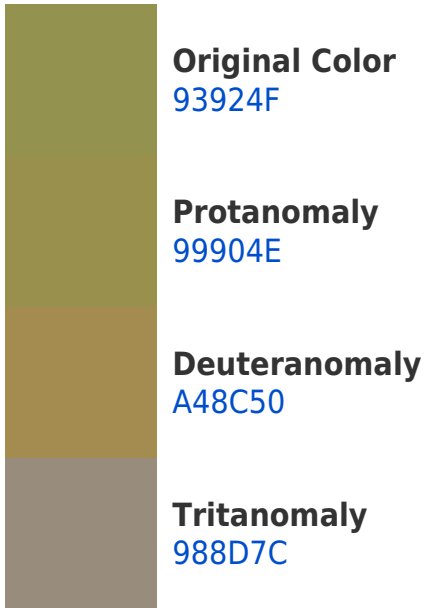
**Protanopia**  
9D8F4E

**Deuteranopia**  
AE8851

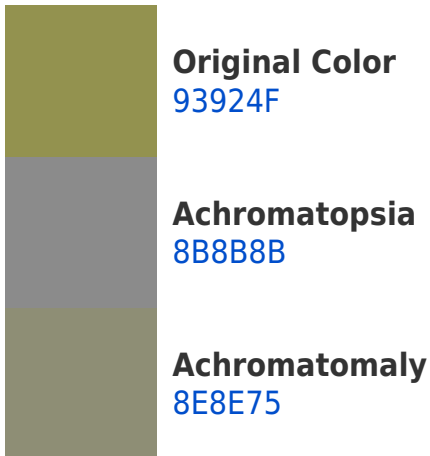


**Tritanopia**  
9B8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93924F 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 #93924F looks like.

```
.text, #text, p{  
    color:#93924F  
}
```

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 #93924F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93924F
}
```

## Border

The CSS property to change the border of an element to Hex 93924F 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
#93924F }
```

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

```
.border{ border-color:#93924F }
```

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

Here you see how a box with a 4 pixel #93924F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93924F; -webkit-box-shadow:4px 4px  
4px 4px #93924F; box-shadow:4px 4px 4px  
4px #93924F }
```

# Background

The CSS property to change the background color of an element to Hex 93924F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93924F }
```

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

```
.background{ background-color:#93924F }
```

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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