

# Converting Colors

Hex(97C63F)

Have a look what the booklet for  
Hex(97C63F) contains.

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**Color**

**Hex(97C63F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97C63F
RGB	151, 198, 63
RGB Percent	59%, 78%, 25%
CMY	0.4078, 0.2235, 0.7529
CMYK	0.24, 0.00, 0.68, 0.22
HSL	81°, 54%, 51%
HSV	81°, 68%, 78%
XYZ	33.8538, 47.3264, 12.0532
YIQ	168.5570, 15.3230, -51.9490

# Conversions

## Conversions Part 2

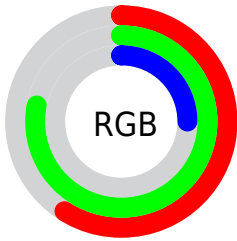
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 198, 110
Decimal	9946687
CIELab	74.40, -35.22, 59.83
CIELCh	74, 69.425, 120.485
Yxy	47.3264, 0.3631, 0.5076
Android (android.graphics.Color)	4288136767 (0xFF97C63F)
YUV	168.5570, -52.0396, -15.3975
Hunter-Lab	68.7942, -32.5494, 37.7679

# Details

The Hex color **97C63F** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6E3FC6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D0FF76**, and **609000** is the 20% darker color. If you saturate the color by 10%, you get **90C62B**, and if you desaturate by 10%, it is **9EC653**.

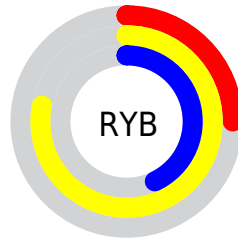
# Distribution



Red (59%)

Green (78%)

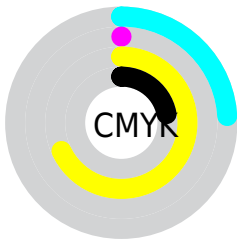
Blue (25%)



Red (25%)

Yellow (78%)

Blue (43%)

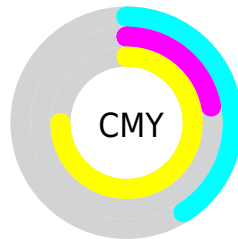


Cyan (24%)

Magenta (0%)

Yellow (68%)

Black (22%)



Cyan (41%)

Magenta (22%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97C63F 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 97C63F by changing the saturation by 10% instead.





97C63F



97C63F

FFFFFF



7BAB21



D0FF76



609000



EEFF91



447600



FFFFAD



295D00



FFFFCA



044500



FFFFE6



002E00



001800



000000



97C63F



97C63F

 90C62B

 9EC653

 89C617

 A5C667

 82C604

 ACC67A

 81C600

 B3C68E

 B9C6A2

 C0C6B6

 C7C6CA

 CEC6DD

 D5C6F1

# Harmonies

## Analogous

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



D7B428



97C63F



30D175

# Triad

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



97C63F



00CEFF



FF7AB9

# Complementary

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



97C63F



6E3FC6

# 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.



FF8AF7



97C63F



00BEFF

# Square

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



97C63F



00D5F6



B8A6FF



FF837A

# Rectangle

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



97C63F



00D4A0



B8A6FF



FF7DCE

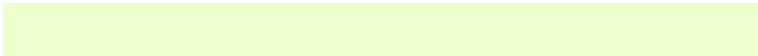


# Sweetspot

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



97C63F



EDFFCC



C66C3F



758061



000000



808080



# Same Dimension

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



97C63F



B6FF2E



56C63F



60635A



6AA300



172400



# Inverse Universe

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



6E3FC6



772EFF



B03FC6



5D5A63



3900A3



0C0024



# Previews

## White Background



This preview shows how the Hex color 97C63F looks on a white background.

## Color Contrast Check

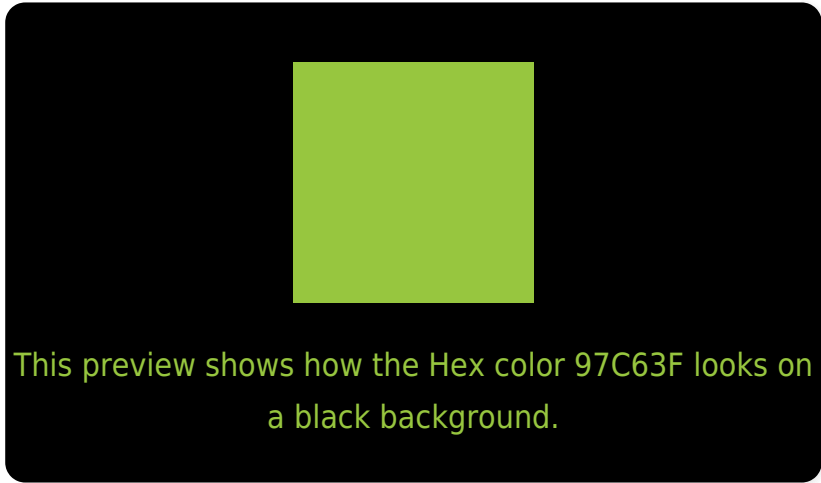
Large Text (above 18pt) WCAG AA × Fail

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 97C63F Background



This preview shows how black text looks on a background with the Hex color 97C63F.

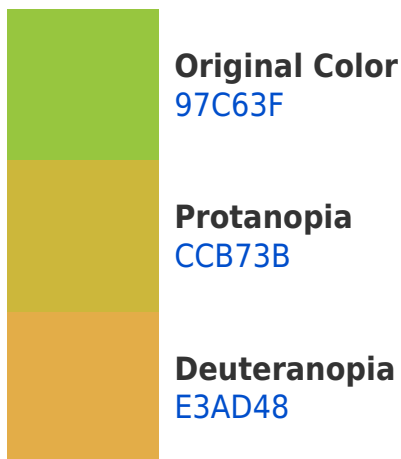


This preview shows how white text looks on a background with the Hex color 97C63F.

# 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](#).

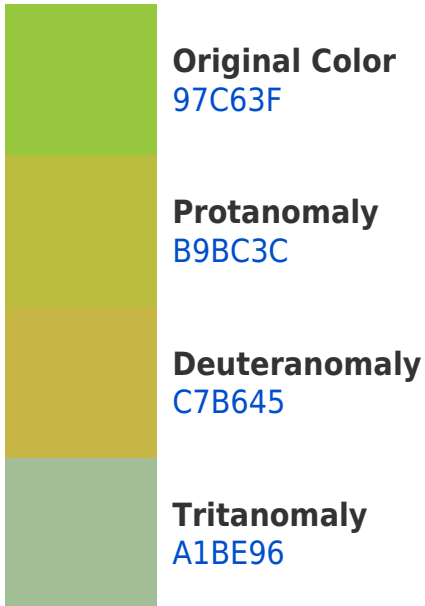
## Dichromacy



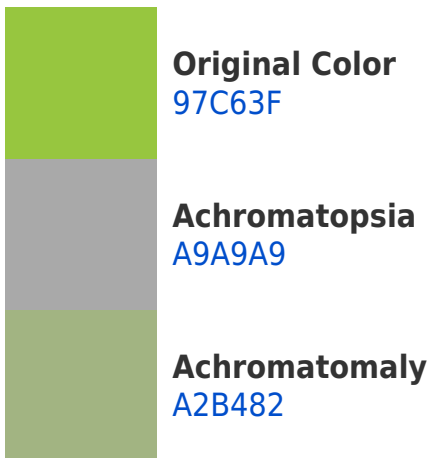


**Tritanopia**  
A7B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97C63F 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 #97C63F looks like.

```
.text, #text, p{  
    color:#97C63F  
}
```

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 #97C63F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C63F
}
```

## Border

The CSS property to change the border of an element to Hex 97C63F 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
#97C63F }
```

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

```
.border{ border-color:#97C63F }
```

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

Here you see how a box with a 4 pixel #97C63F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C63F; -webkit-box-shadow:4px 4px  
4px 4px #97C63F; box-shadow:4px 4px 4px  
4px #97C63F }
```

# Background

The CSS property to change the background color of an element to Hex 97C63F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C63F }
```

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

```
.background{ background-color:#97C63F }
```

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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