

# Converting Colors

Hex(73894F)

Have a look what the booklet for  
Hex(73894F) contains.

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**Color**

**Hex(73894F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73894F
RGB	115, 137, 79
RGB Percent	45%, 54%, 31%
CMY	0.5490, 0.4627, 0.6902
CMYK	0.16, 0.00, 0.42, 0.46
HSL	83°, 27%, 42%
HSV	83°, 42%, 54%
XYZ	17.4272, 22.1007, 10.7445
YIQ	123.8100, 5.5060, -22.7020

# Conversions

## Conversions Part 2

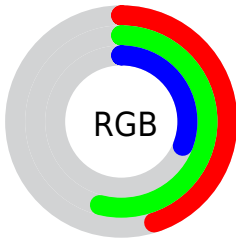
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 137, 101
Decimal	7571791
CIELab	54.13, -18.25, 28.50
CIElCh	54, 33.840, 122.630
Yxy	22.1007, 0.3467, 0.4396
Android (android.graphics.Color)	4285761871 (0xFF73894F)
YUV	123.8100, -22.0913, -7.7264
Hunter-Lab	47.0114, -16.0997, 19.3572

# Details

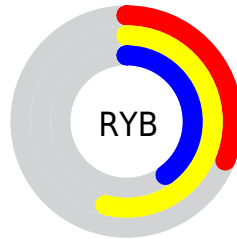
The Hex color **73894F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **654F89**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A8BE81**, and **415720** is the 20% darker color. If you saturate the color by 10%, you get **6E8941**, and if you desaturate by 10%, it is **78895D**.

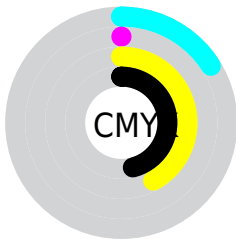
# Distribution



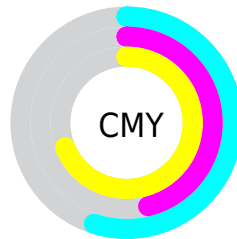
- Red (45%)
- Green (54%)
- Blue (31%)



- Red (31%)
- Yellow (54%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)
- Black (46%)



- Cyan (55%)
- Magenta (46%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73894F 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 73894F by changing the saturation by 10% instead.





73894F



73894F

FFFFFF



5A7037



A8BE81



415720



C3DA9B



2A4009



E0F7B6



152900



FDFFD2



001700



FFFFEf



000000



73894F



73894F



6E8941



78895D



698934



7D896A

■ 638926

■ 838978

■ 5E8918

■ 888986

■ 59890B

■ 8D8994

■ 558900

■ 9289A1

■ 9789AF

■ 9D89BD

■ A289CA

# Harmonies

## Analogous

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



928146



73894F



4F8E66

# Triad

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



73894F



158CB5



B86A80

# Complementary

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



73894F



654F89

# 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.



A86F9D



73894F



5983BB

# Square

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



73894F



0090A0



8879B3



B86D63

# Rectangle

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



73894F



319079



8879B3



B56B8A



# Sweetspot

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



73894F



AAB39B



89644F



54594B



D9D9D9



595959



# Same Dimension

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



73894F



90B357



57894F



42453E



528500



030500



# Inverse Universe

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



654F89



7A57B3



814F89



413E45



320085



020005



# Previews

## White Background



This preview shows how the Hex color 73894F looks on a white background.

## Color Contrast Check

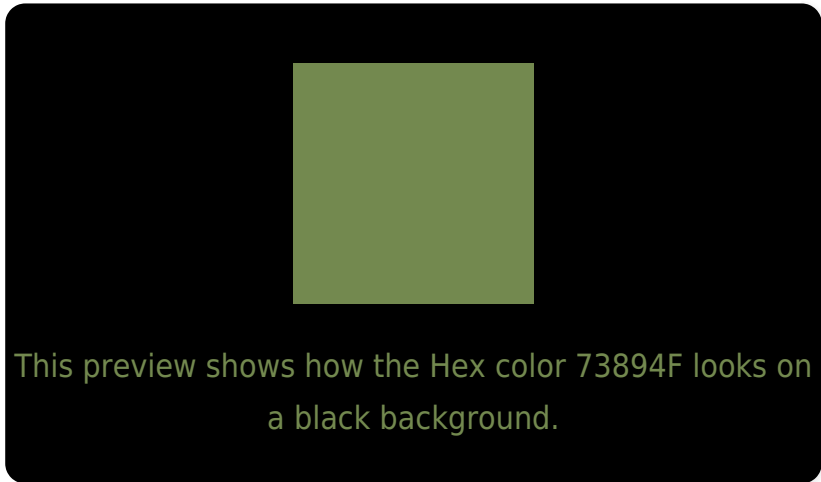
Large Text (above 18pt) WCAG AA ✓ Pass

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

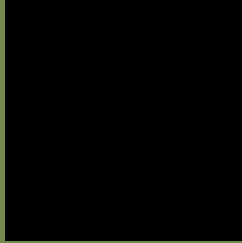
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 73894F Background



This preview shows how black text looks on a background with the Hex color 73894F.



This preview shows how white text looks on a background with the Hex color 73894F.

# 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](#).

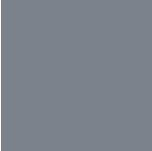
## Dichromacy



**Original Color**  
73894F

**Protanopia**  
8D814C

**Deuteranopia**  
9C7B52

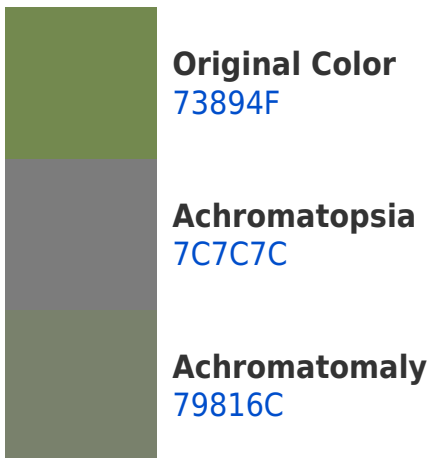


**Tritanopia**  
7B828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73894F 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 #73894F looks like.

```
.text, #text, p{  
    color:#73894F  
}
```

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 #73894F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73894F
}
```

## Border

The CSS property to change the border of an element to Hex 73894F 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
#73894F }
```

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

```
.border{ border-color:#73894F }
```

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

Here you see how a box with a 4 pixel #73894F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73894F; -webkit-box-shadow:4px 4px  
4px 4px #73894F; box-shadow:4px 4px 4px  
4px #73894F }
```

# Background

The CSS property to change the background color of an element to Hex 73894F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73894F }
```

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

```
.background{ background-color:#73894F }
```

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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