

Converting Colors

Hex(7E9A3F)

Have a look what the booklet for
Hex(7E9A3F) contains.

Hex(7E9A3F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7E9A3F)

Conversions

Conversions Part 1

Format	Color
Hex	7E9A3F
RGB	126, 154, 63
RGB Percent	49%, 60%, 25%
CMY	0.5059, 0.3961, 0.7529
CMYK	0.18, 0.00, 0.59, 0.40
HSL	78°, 42%, 43%
HSV	78°, 59%, 60%
XYZ	21.0570, 27.9057, 8.9791
YIQ	135.2540, 12.5230, -34.2370

Conversions

Conversions Part 2

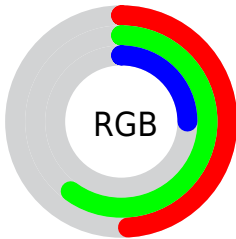
Format	Color
RYB	63, 154, 91
Decimal	8297023
CIELab	59.80, -24.19, 43.64
CIELCh	60, 49.900, 119.004
Yxy	27.9057, 0.3634, 0.4816
Android (android.graphics.Color)	4286487103 (0xFF7E9A3F)
YUV	135.2540, -35.6212, -8.1158
Hunter-Lab	52.8258, -21.2931, 26.9002

Details

The Hex color **7E9A3F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B3F9A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B5D072**, and **4A6708** is the 20% darker color. If you saturate the color by 10%, you get **799A30**, and if you desaturate by 10%, it is **839A4E**.

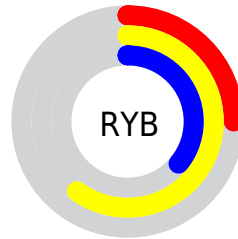
Distribution



Red (49%)

Green (60%)

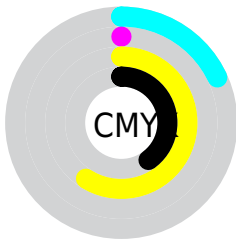
Blue (25%)



Red (25%)

Yellow (60%)

Blue (36%)

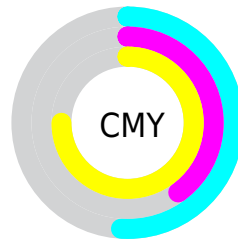


Cyan (18%)

Magenta (0%)

Yellow (59%)

Black (40%)



Cyan (51%)

Magenta (40%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E9A3F 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 7E9A3F by changing the saturation by 10% instead.



7E9A3F



7E9A3F

FFFFFF



648026



B5D072



4A6708



D1ED8C



314F00



EEFFA7



183800



FFFFC3



002200



FFFFE0



000000

FFFFFFD



7E9A3F



7E9A3F



799A30



839A4E

■ 759A20

■ 879A5E

■ 709A11

■ 8C9A6D

■ 6B9A01

■ 919A7D

■ 6B9A00

■ 969A8C

■ 9A9A9B

■ 9F9AAB

■ A49ABA

■ A99ACA

Harmonies

Analogous

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



AA8D34



7E9A3F



43A261

Triad

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



7E9A3F



00A0DB



DE6A93

Complementary

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



7E9A3F



5B3F9A

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.



C474BE



7E9A3F



2B95E8

Square

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



7E9A3F



00A5B9



8F85DD



DF6E68

Rectangle

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



7E9A3F



00A57E



8F85DD



D96BA2

Sweetspot

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



7E9A3F



BEC9A5



9A5A3F



5F6650



E6E6E6



666666

Same Dimension

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



7E9A3F



9DC93A



519A3F



4A4D45



618C00



090D00

Inverse Universe

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



5B3F9A



663AC9



883F9A



47454D



2B008C



04000D

Previews

White Background



This preview shows how the Hex color 7E9A3F looks on a white background.

Color Contrast Check

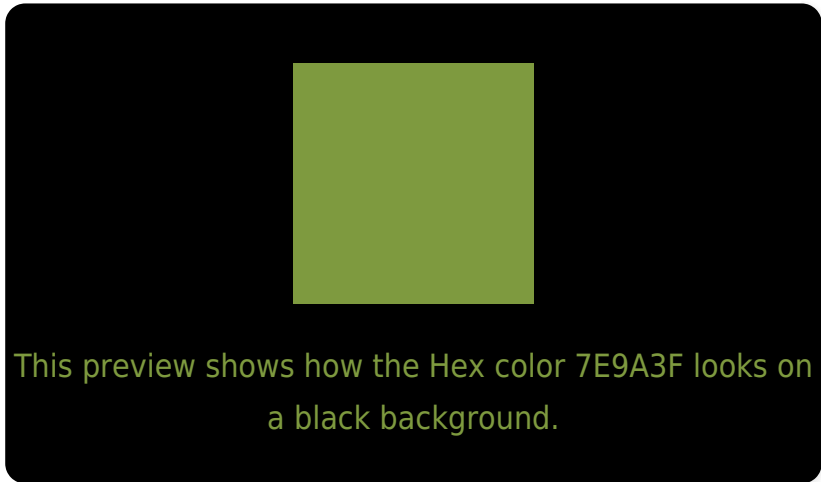
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E9A3F Background



This preview shows how black text looks on a background with the Hex color 7E9A3F.

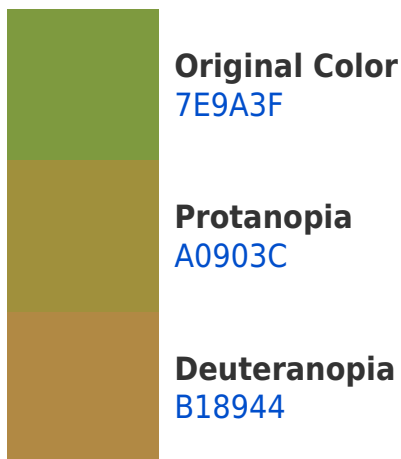


This preview shows how white text looks on a background with the Hex color 7E9A3F.

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](#).

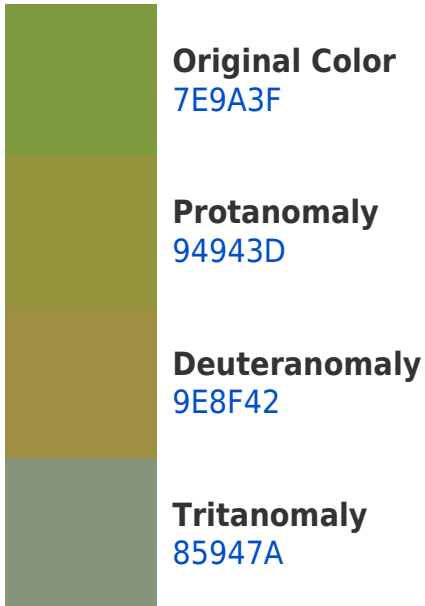
Dichromacy



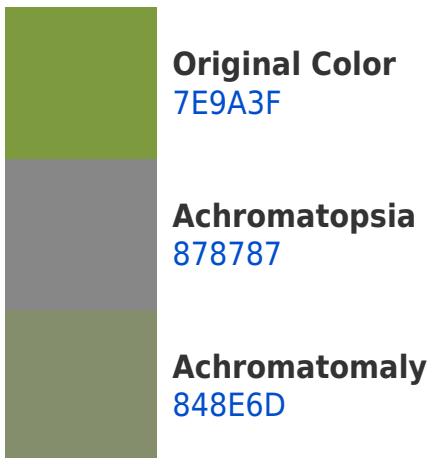


Tritanopia
89909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E9A3F 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 #7E9A3F looks like.

```
.text, #text, p{  
    color:#7E9A3F  
}
```

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 #7E9A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9A3F
}
```

Border

The CSS property to change the border of an element to Hex 7E9A3F 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
#7E9A3F }
```

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

```
.border{ border-color:#7E9A3F }
```

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

Here you see how a box with a 4 pixel #7E9A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9A3F; -webkit-box-shadow:4px 4px  
4px 4px #7E9A3F; box-shadow:4px 4px 4px  
4px #7E9A3F }
```

Background

The CSS property to change the background color of an element to Hex 7E9A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9A3F }
```

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

```
.background{ background-color:#7E9A3F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor