

# Converting Colors

Hex(7FAA3F)

Have a look what the booklet for  
Hex(7FAA3F) contains.

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# Color

Hex(7FAA3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	7FAA3F
RGB	127, 170, 63
RGB Percent	50%, 67%, 25%
CMY	0.5020, 0.3333, 0.7529
CMYK	0.25, 0.00, 0.63, 0.33
HSL	84°, 46%, 46%
HSV	84°, 63%, 67%
XYZ	24.0243, 33.6204, 9.9258
YIQ	144.9450, 8.7190, -42.3930

# Conversions

## Conversions Part 2

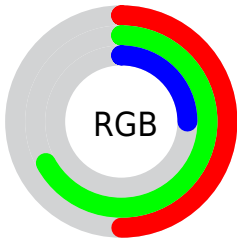
Format	Color
<a href="#">RYB</a>	<a href="#">63, 170, 106</a>
Decimal	<a href="#">8366655</a>
CIELab	<a href="#">64.66, -31.54, 49.06</a>
CIELCh	<a href="#">65, 58.320, 122.735</a>
Yxy	<a href="#">33.6204, 0.3555, 0.4976</a>
Android (android.graphics.Color)	<a href="#">4286556735 (0xFF7FAA3F)</a>
YUV	<a href="#">144.9450, -40.3989, -15.7378</a>
Hunter-Lab	<a href="#">57.9831, -27.5118, 30.4386</a>

# Details

The Hex color **7FAA3F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A3FAA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B6E273**, and **4A7602** is the 20% darker color. If you saturate the color by 10%, you get **78AA2E**, and if you desaturate by 10%, it is **86AA50**.

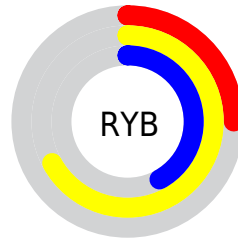
# Distribution



Red (50%)

Green (67%)

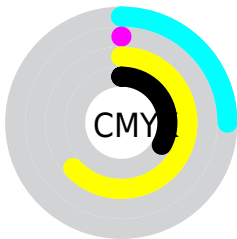
Blue (25%)



Red (25%)

Yellow (67%)

Blue (42%)

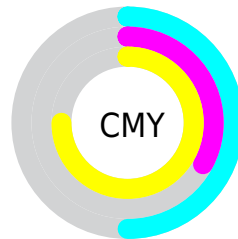


Cyan (25%)

Magenta (0%)

Yellow (63%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FAA3F 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 7FAA3F by changing the saturation by 10% instead.





7FAA3F



7FAA3F

FFFFFF



648F24



B6E273



4A7602



D3FE8E



2F5D00



F0FFA9



144500



FFFFC5



002E00



FFFFE2



001900



000000



7FAA3F



7FAA3F



78AA2E



86AA50

■ 71AA1D

■ 8DAA61

■ 6BAA0C

■ 93AA72

■ 66AA00

■ 9AAA83

■ A1AA94

■ A8AAA5

■ AFAAB6

■ B6AAC7

■ BCAAD8

# Harmonies

## Analogous

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



B49C2C



7FAA3F



2CB26B

# Triad

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



7FAA3F



00AFF9



FA6D9A

# Complementary

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



7FAA3F



6A3FAA

# 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.



E078CE



7FAA3F



29A1FF

# Square

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



7FAA3F



00B5D4



A58DF5



F87567

# Rectangle

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



7FAA3F



00B58E



A58DF5



F56EAC



# Sweetspot

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



7FAA3F



CDDEB4



AA6A3F



667056



F0F0F0



707070



# Same Dimension

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



7FAA3F



9ADE35



4AAA3F



51544C



589400



0C1400



# Inverse Universe

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



6A3FAA



7935DE



9F3FAA



4F4C54



3B0094



080014



# Previews

## White Background



This preview shows how the Hex color 7FAA3F looks on a white background.

## Color Contrast Check

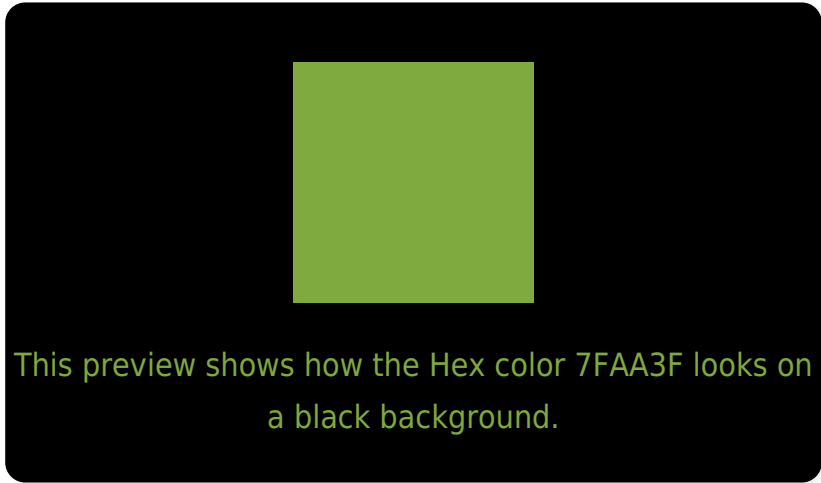
Large Text (above 18pt) WCAG AA × Fail

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 7FAA3F Background



This preview shows how black text looks on a background with the Hex color 7FAA3F.

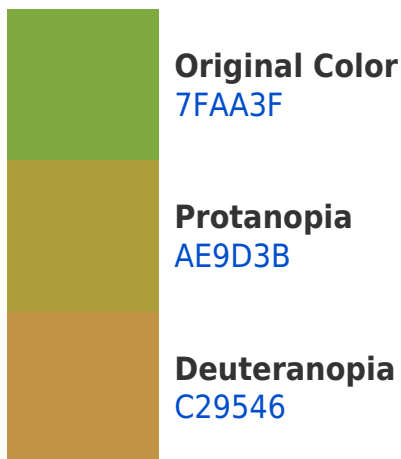


This preview shows how white text looks on a background with the Hex color 7FAA3F.

# 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](#).

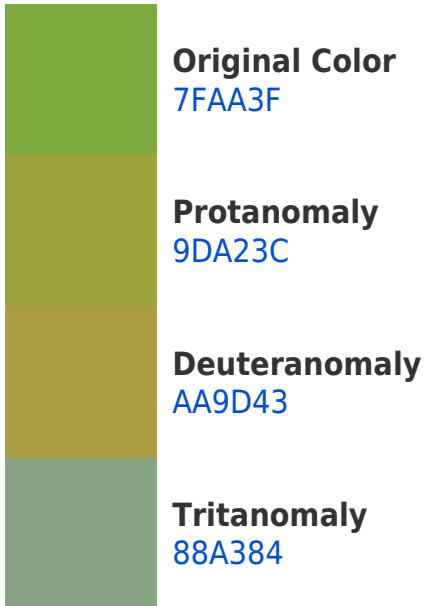
## Dichromacy





**Tritanopia**  
8D9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FAA3F 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 #7FAA3F looks like.

```
.text, #text, p{  
    color:#7FAA3F  
}
```

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 #7FAA3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FAA3F
}
```

## Border

The CSS property to change the border of an element to Hex 7FAA3F 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
#7FAA3F }
```

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

```
.border{ border-color:#7FAA3F }
```

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

Here you see how a box with a 4 pixel #7FAA3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FAA3F; -webkit-box-shadow:4px 4px  
4px 4px #7FAA3F; box-shadow:4px 4px 4px  
4px #7FAA3F }
```

# Background

The CSS property to change the background color of an element to Hex 7FAA3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FAA3F }
```

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

```
.background{ background-color:#7FAA3F }
```

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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