

Converting Colors

Hex(7FAA4A)

Have a look what the booklet for
Hex(7FAA4A) contains.

Hex(7FAA4A)	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(7FAA4A)

Conversions

Conversions Part 1

Format	Color
Hex	7FAA4A
RGB	127, 170, 74
RGB Percent	50%, 67%, 29%
CMY	0.5020, 0.3333, 0.7098
CMYK	0.25, 0.00, 0.56, 0.33
HSL	87°, 39%, 48%
HSV	87°, 56%, 67%
XYZ	24.3632, 33.7559, 11.7100
YIQ	146.1990, 5.1880, -38.9720

Conversions

Conversions Part 2

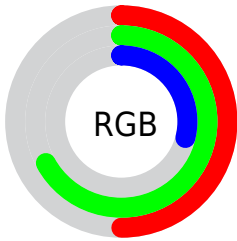
Format	Color
RYB	74, 170, 117
Decimal	8366666
CIELab	64.77, -30.52, 44.15
CIELCh	65, 53.670, 124.662
Yxy	33.7559, 0.3489, 0.4834
Android (android.graphics.Color)	4286556746 (0xFF7FAA4A)
YUV	146.1990, -35.5941, -16.8375
Hunter-Lab	58.0998, -26.8238, 28.7200

Details

The Hex color **7FAA4A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **754AAA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B6E27E**, and **4A7616** is the 20% darker color. If you saturate the color by 10%, you get **77AA39**, and if you desaturate by 10%, it is **87AA5B**.

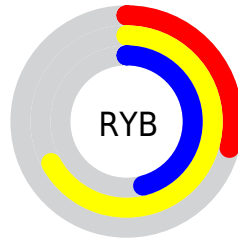
Distribution



Red (50%)

Green (67%)

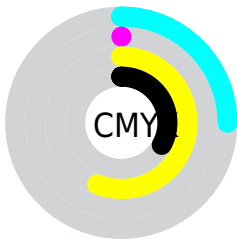
Blue (29%)



Red (29%)

Yellow (67%)

Blue (46%)

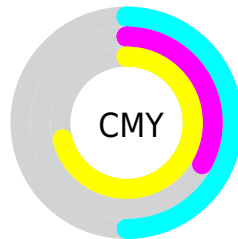


Cyan (25%)

Magenta (0%)

Yellow (56%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FAA4A 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 7FAA4A by changing the saturation by 10% instead.



7FAA4A



7FAA4A

FFFFFF



648F31



B6E27E



4A7616



D2FE98



305D00



EFFFB4



174500



FFFFD0



002E00



FFFEC



001900



000000



7FAA4A



7FAA4A



77AA39



87AA5B

 70AA28

 8EAA6C

 68AA17

 96AA7D

 61AA06

 9DAA8E

 5EAA00

 A5AA9F

 ADAAB0

 B4AAC1

 BCAAD2

 C4AAE3

Harmonies

Analogous

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



B19D38



7FAA4A



36B272

Triad

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



7FAA4A



00ADF3



F57297

Complementary

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



7FAA4A



754AAA

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.



DE7BC7



7FAA4A



4DA0FD

Square

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



7FAA4A



00B4D2



AA8DEC



F17A69

Rectangle

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



7FAA4A



00B493



AA8DEC



F074A8

Sweetspot

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



7FAA4A



CDDEB8



AA744A



66705A



F0F0F0



707070

Same Dimension

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



7FAA4A



9ADE47



50AA4A



50544C



529400



0B1400

Inverse Universe

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



754AAA



8B47DE



A44AAA



504C54



420094



090014

Previews

White Background



This preview shows how the Hex color 7FAA4A looks on a white background.

Color Contrast Check

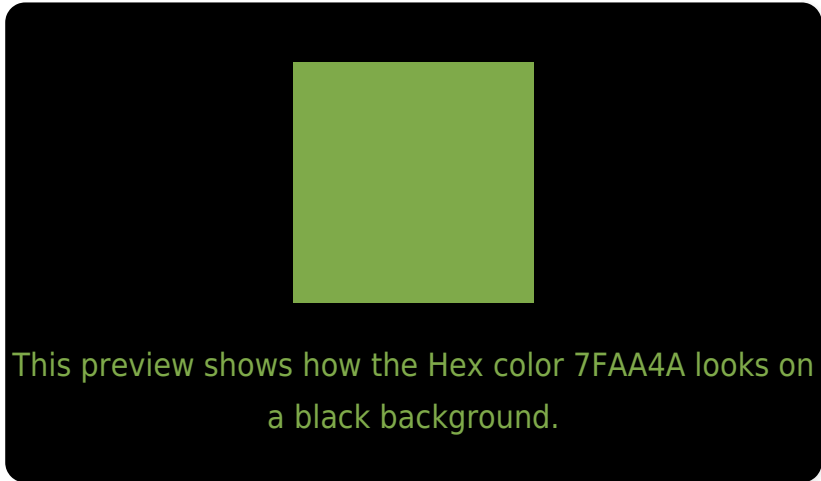
Large Text (above 18pt) WCAG AA × Fail

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 7FAA4A Background



This preview shows how black text looks on a background with the Hex color 7FAA4A.

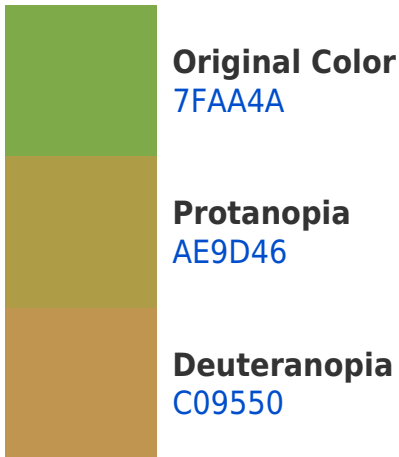


This preview shows how white text looks on a background with the Hex color 7FAA4A.

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](#).

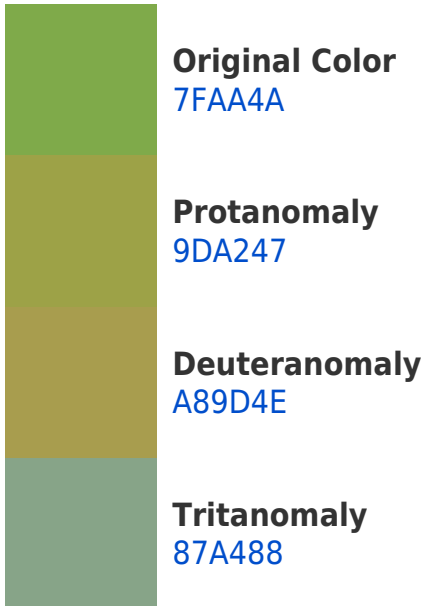
Dichromacy



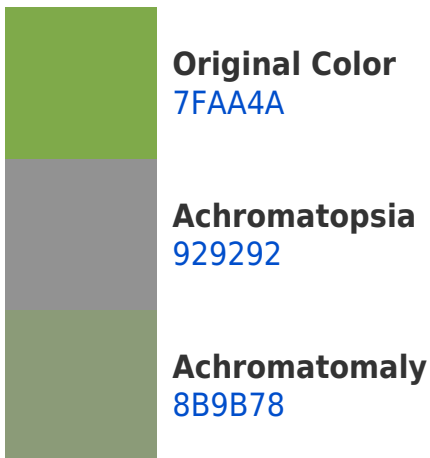


Tritanopia
8CA0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FAA4A 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 #7FAA4A looks like.

```
.text, #text, p{  
    color:#7FAA4A  
}
```

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 #7FAA4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FAA4A
}
```

Border

The CSS property to change the border of an element to Hex 7FAA4A 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
#7FAA4A }
```

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

```
.border{ border-color:#7FAA4A }
```

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

Here you see how a box with a 4 pixel #7FAA4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FAA4A; -webkit-box-shadow:4px 4px  
4px 4px #7FAA4A; box-shadow:4px 4px 4px  
4px #7FAA4A }
```

Background

The CSS property to change the background color of an element to Hex 7FAA4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FAA4A }
```

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

```
.background{ background-color:#7FAA4A }
```

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