

# Converting Colors

Hex(7AAF5F)

Have a look what the booklet for  
Hex(7AAF5F) contains.

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# **Color**

**Hex(7AAF5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AAF5F
RGB	122, 175, 95
RGB Percent	48%, 69%, 37%
CMY	0.5216, 0.3137, 0.6275
CMYK	0.30, 0.00, 0.46, 0.31
HSL	100°, 33%, 53%
HSV	100°, 46%, 69%
XYZ	25.4216, 35.6237, 16.3627
YIQ	150.0330, -5.9080, -36.1160

# Conversions

## Conversions Part 2

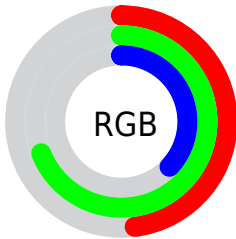
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 175, 148
Decimal	8040287
CIELab	66.23, -32.30, 35.45
CIElCh	66, 47.953, 132.337
Yxy	35.6237, 0.3284, 0.4602
Android (android.graphics.Color)	4286230367 (0xFF7AAF5F)
YUV	150.0330, -27.1313, -24.5849
Hunter-Lab	59.6856, -28.4223, 25.5257

# Details

The Hex color **7AAF5F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **945FAF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B0E793**, and **467A2E** is the 20% darker color. If you saturate the color by 10%, you get **6EAF4E**, and if you desaturate by 10%, it is **86AF71**.

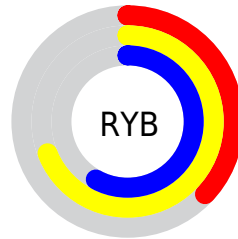
# Distribution



Red (48%)

Green (69%)

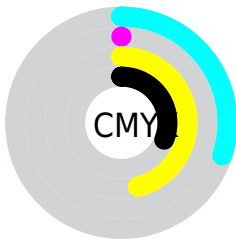
Blue (37%)



Red (37%)

Yellow (69%)

Blue (58%)

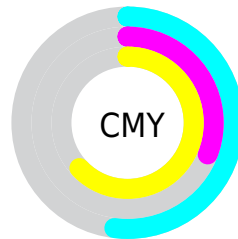


Cyan (30%)

Magenta (0%)

Yellow (46%)

Black (31%)



Cyan (52%)

Magenta (31%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AAF5F 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 7AAF5F by changing the saturation by 10% instead.





7AAF5F



7AAF5F

FFFFFF



609446



B0E793



467A2E



CDFFAE



2C6116



E9FFCA



104900



FFFFE6



003200



001E00



000000



7AAF5F



7AAF5F




6EAF4E



86AF71

 63AF3C

 91AF82

 57AF2A

 9DAF94

 4CAF19

 A8AFA5

 40AF07

 B4AFB7

 3BAF00

 C0AFC8

 CBAFDA

 D7AFEB

 E2AFFD

# Harmonies

## Analogous

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



A9A44A



7AAF5F



37B585

# Triad

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



7AAF5F



00ADF2



F27D91

# Complementary

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



7AAF5F



945FAF

# 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.



E381BC



7AAF5F



799FF5

# Square

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



7AAF5F



00B4DA



BC8FE1



EA8669

# Rectangle

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



7AAF5F



00B7A3



BC8FE1



F07D9F



# Sweetspot

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



7AAF5F



CEE3C3



AF935F



66735F



F2F2F2



737373



# Same Dimension

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



7AAF5F



90E366



5FAF6B



51574E



339600



081700



# Inverse Universe

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



945FAF



B966E3



AF5FA3



544E57



640096



0F0017



# Previews

## White Background



This preview shows how the Hex color 7AAF5F looks on a white background.

## Color Contrast Check

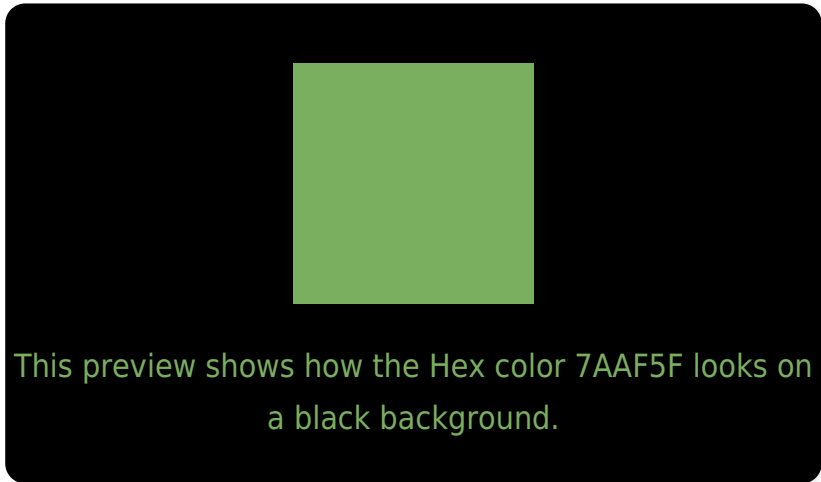
Large Text (above 18pt) WCAG AA × Fail

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 7AAF5F Background



This preview shows how black text looks on a background with the Hex color 7AAF5F.

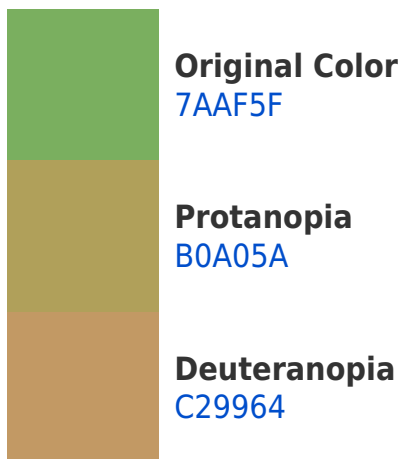


This preview shows how white text looks on a background with the Hex color 7AAF5F.

# 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](#).

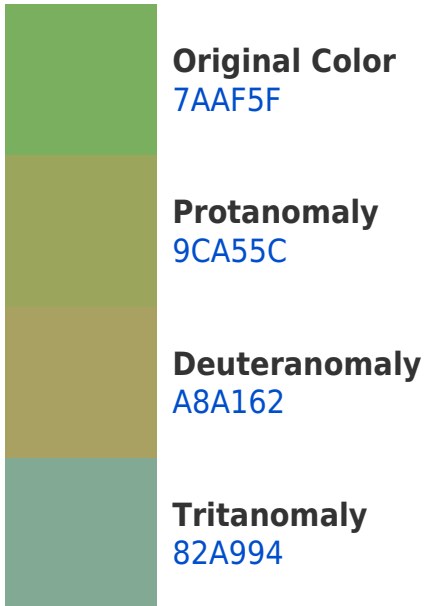
## Dichromacy



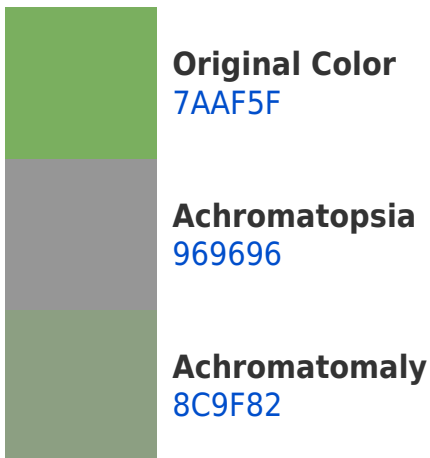


**Tritanopia**  
87A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AAF5F 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 #7AAF5F looks like.

```
.text, #text, p{  
    color:#7AAF5F  
}
```

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 #7AAF5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AAF5F
}
```

## Border

The CSS property to change the border of an element to Hex 7AAF5F 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
#7AAF5F }
```

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

```
.border{ border-color:#7AAF5F }
```

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

Here you see how a box with a 4 pixel #7AAF5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AAF5F; -webkit-box-shadow:4px 4px  
4px 4px #7AAF5F; box-shadow:4px 4px 4px  
4px #7AAF5F }
```

# Background

The CSS property to change the background color of an element to Hex 7AAF5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AAF5F }
```

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

```
.background{ background-color:#7AAF5F }
```

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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