

Converting Colors

Hex(75AF4F)

Have a look what the booklet for
Hex(75AF4F) contains.

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Color

Hex(75AF4F)

Conversions

Conversions Part 1

Format	Color
Hex	75AF4F
RGB	117, 175, 79
RGB Percent	46%, 69%, 31%
CMY	0.5412, 0.3137, 0.6902
CMYK	0.33, 0.00, 0.55, 0.31
HSL	96°, 38%, 50%
HSV	96°, 55%, 69%
XYZ	24.0774, 35.0064, 12.8850
YIQ	146.7140, -3.7520, -42.1520

Conversions

Conversions Part 2

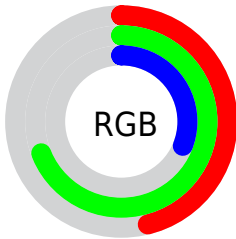
Format	Color
RYB	79, 175, 137
Decimal	7712591
CIELab	65.75, -36.02, 42.76
CIELCh	66, 55.910, 130.106
Yxy	35.0064, 0.3346, 0.4864
Android (android.graphics.Color)	4285902671 (0xFF75AF4F)
YUV	146.7140, -33.3830, -26.0592
Hunter-Lab	59.1662, -30.9011, 28.5043

Details

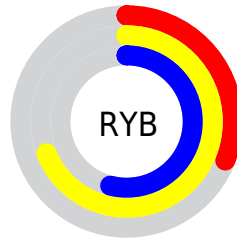
The Hex color **75AF4F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **894FAF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ACE783**, and **407A1C** is the 20% darker color. If you saturate the color by 10%, you get **6AAF3E**, and if you desaturate by 10%, it is **80AF61**.

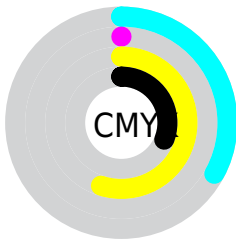
Distribution



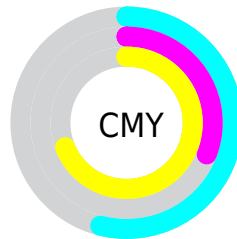
- Red (46%)
- Green (69%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (55%)
- Black (31%)



- Cyan (54%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AF4F 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 75AF4F by changing the saturation by 10% instead.



75AF4F



75AF4F

FFFFFF



5A9436



ACE783



407A1C



C8FF9E



246100



E5FFB9



044800



FFFFD5



003100



FFFFF2



001D00



000000



75AF4F



75AF4F



6AAF3E



80AF61

 60AF2C

 8AAF72

 55AF1A

 95AF84

 4BAF09

 9FAF95

 45AF00

 AAAFA7

 B4AFB8

 BFAFCA

 CAAFDB

 D4AFED

Harmonies

Analogous

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



ABA336



75AF4F



0AB67C

Triad

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



75AF4F



00AEFE



FC7391

Complementary

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



75AF4F



894FAF

Split Complementary

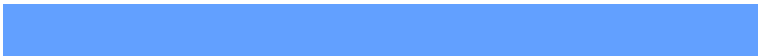
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EA79C3



75AF4F



62A0FF

Square

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



75AF4F



00B6DF



B98BED



F47E62

Rectangle

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



75AF4F



00B89E



B98BED



F973A2

Sweetspot

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



75AF4F



CDE3BF



AF894F



66735D



F2F2F2



737373

Same Dimension

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



75AF4F



88E34D



4FAF59



51574E



3C9600



091700

Inverse Universe

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



894FAF



A84DE3



AF4FA5



534E57



5B0096



0E0017

Previews

White Background



This preview shows how the Hex color 75AF4F looks on a white background.

Color Contrast Check

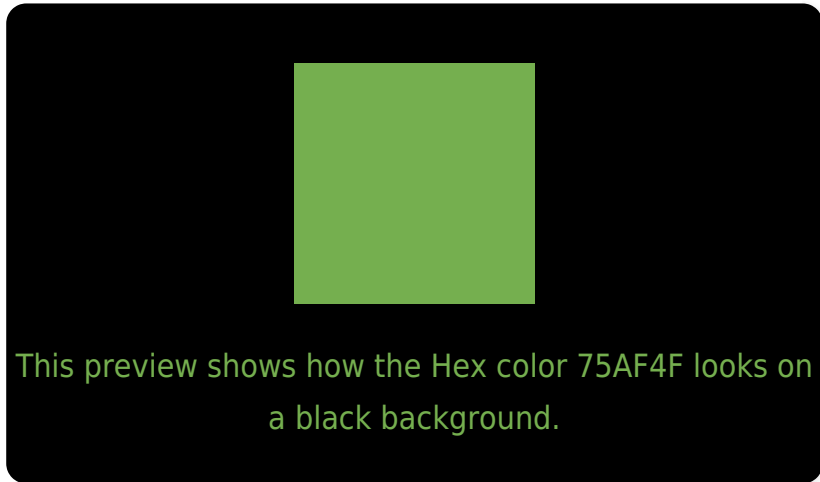
Large Text (above 18pt) WCAG AA × Fail

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 75AF4F Background



This preview shows how black text looks on a background with the Hex color 75AF4F.

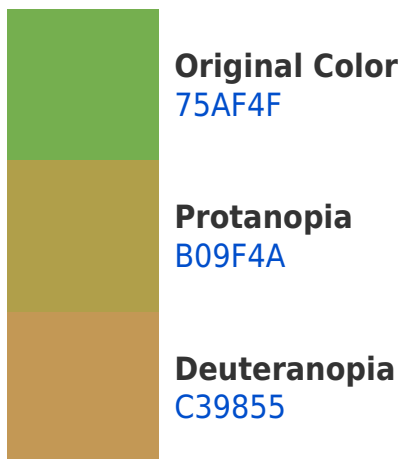


This preview shows how white text looks on a background with the Hex color 75AF4F.

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](#).

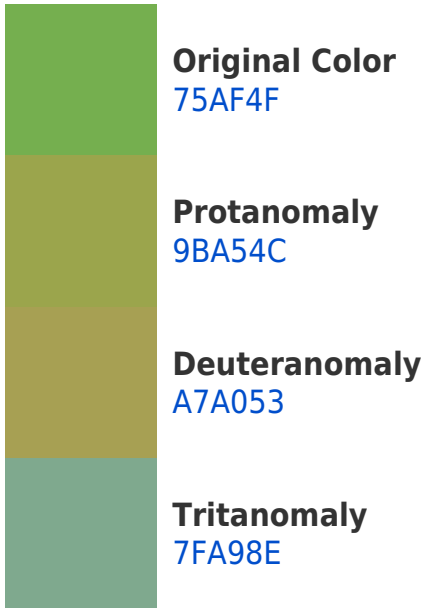
Dichromacy



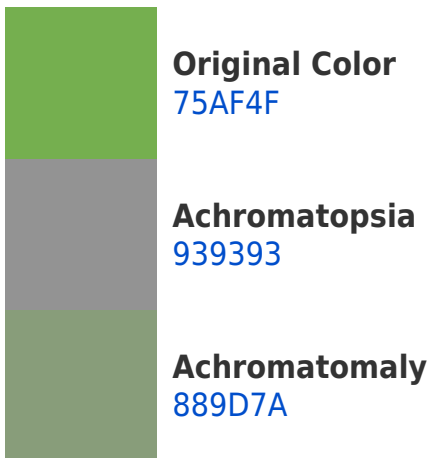


Tritanopia
84A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75AF4F 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 #75AF4F looks like.

```
.text, #text, p{  
    color:#75AF4F  
}
```

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 #75AF4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AF4F
}
```

Border

The CSS property to change the border of an element to Hex 75AF4F 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
#75AF4F }
```

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

```
.border{ border-color:#75AF4F }
```

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

Here you see how a box with a 4 pixel #75AF4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AF4F; -webkit-box-shadow:4px 4px  
4px 4px #75AF4F; box-shadow:4px 4px 4px  
4px #75AF4F }
```

Background

The CSS property to change the background color of an element to Hex 75AF4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AF4F }
```

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

```
.background{ background-color:#75AF4F }
```

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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