

# Converting Colors

Hex(74AD4C)

Have a look what the booklet for  
Hex(74AD4C) contains.

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# **Color**

**Hex(74AD4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74AD4C
RGB	116, 173, 76
RGB Percent	45%, 68%, 30%
CMY	0.5451, 0.3216, 0.7020
CMYK	0.33, 0.00, 0.56, 0.32
HSL	95°, 39%, 49%
HSV	95°, 56%, 68%
XYZ	23.4505, 34.1219, 12.1877
YIQ	144.8990, -2.8350, -42.2510

# Conversions

## Conversions Part 2

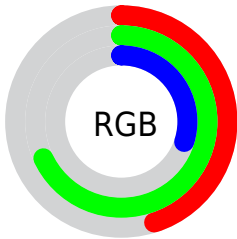
Format	Color
<a href="#">RYB</a>	<a href="#">76, 173, 133</a>
Decimal	<a href="#">7646540</a>
CIELab	<a href="#">65.06, -35.79, 43.37</a>
CIELCh	<a href="#">65, 56.234, 129.533</a>
Yxy	<a href="#">34.1219, 0.3362, 0.4891</a>
Android (android.graphics.Color)	<a href="#">4285836620 (0xFF74AD4C)</a>
YUV	<a href="#">144.8990, -33.9672, -25.3444</a>
Hunter-Lab	<a href="#">58.4140, -30.5649, 28.5193</a>

# Details

The Hex color **74AD4C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **854CAD**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ABE580**, and **3F7818** is the 20% darker color. If you saturate the color by 10%, you get **6AAD3B**, and if you desaturate by 10%, it is **7EAD5D**.

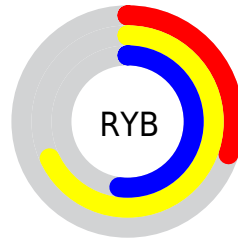
# Distribution



Red (45%)

Green (68%)

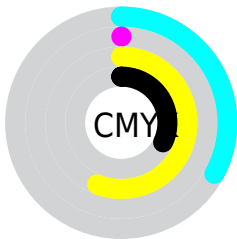
Blue (30%)



Red (30%)

Yellow (68%)

Blue (52%)

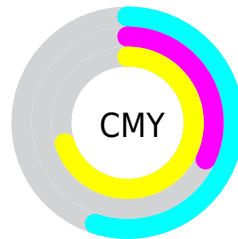


Cyan (33%)

Magenta (0%)

Yellow (56%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74AD4C 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 74AD4C by changing the saturation by 10% instead.



 74AD4C

 74AD4C

FFFFFF

 599233

 ABE580

 3F7818

 C7FF9A

 235F00

 E4FFB6

 044700

 FFFFD2

 003000

 FFFFEE

 001A00

 000000

 74AD4C

 74AD4C

 6AAD3B

 7EAD5D

 60AD29

 88AD6F

 56AD18

 92AD80

 4BAD07

 9DAD91

 47AD00

 A7ADA3

 B1ADB4

 BBADC5

 C5ADD6

 CFADE8

# Harmonies

## Analogous

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



AAA033



74AD4C



05B479

# Triad

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



74AD4C



00ADFC



FA7190

# Complementary

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



74AD4C



854CAD

# 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.



E777C2



74AD4C



5C9EFF

# Square

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



74AD4C



00B5DD



B68AEC



F37C60

# Rectangle

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



74AD4C



00B69B



B68AEC



F771A1



# Sweetspot

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



74AD4C



CAE0BA



AD854C



63705A



F0F0F0



707070



# Same Dimension

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



74AD4C



88E04A



4CAD54



52574E



3E9600



091700



# Inverse Universe

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



854CAD



A24AE0



AD4CA5



534E57



580096



0D0017



# Previews

## White Background



This preview shows how the Hex color 74AD4C looks on a white background.

## Color Contrast Check

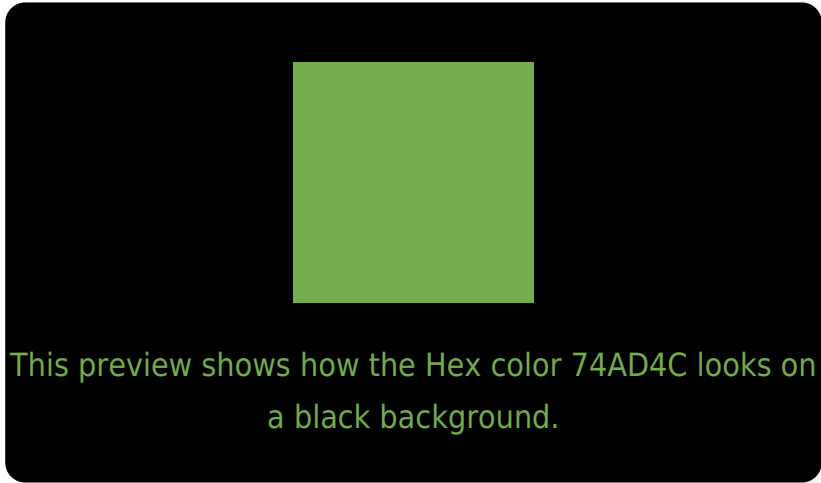
Large Text (above 18pt) WCAG AA × Fail

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 74AD4C Background



This preview shows how black text looks on a background with the Hex color 74AD4C.

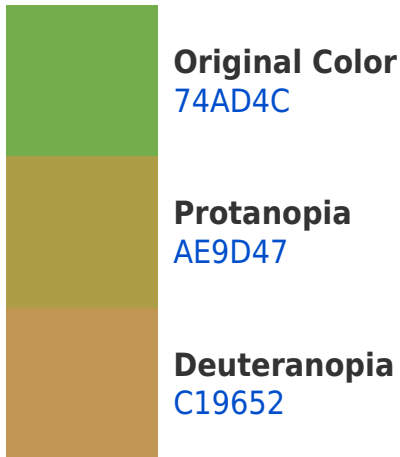


This preview shows how white text looks on a background with the Hex color 74AD4C.

# 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](#).

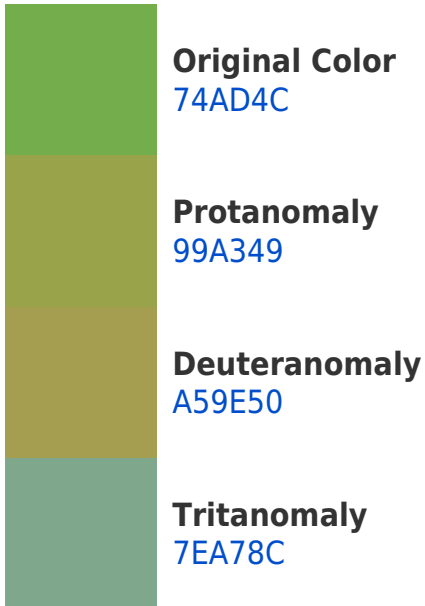
## Dichromacy



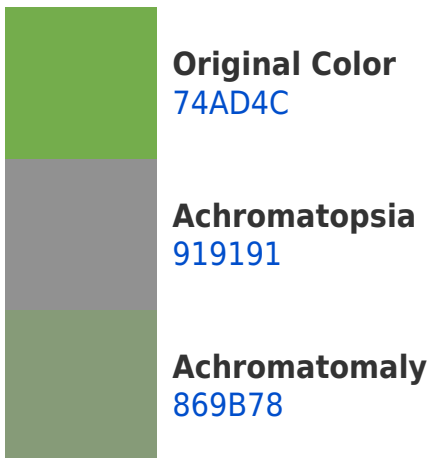


**Tritanopia**  
83A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74AD4C 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 #74AD4C looks like.

```
.text, #text, p{  
    color:#74AD4C  
}
```

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 #74AD4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AD4C
}
```

## Border

The CSS property to change the border of an element to Hex 74AD4C 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
#74AD4C }
```

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

```
.border{ border-color:#74AD4C }
```

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

Here you see how a box with a 4 pixel #74AD4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AD4C; -webkit-box-shadow:4px 4px  
4px 4px #74AD4C; box-shadow:4px 4px 4px  
4px #74AD4C }
```

# Background

The CSS property to change the background color of an element to Hex 74AD4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AD4C }
```

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

```
.background{ background-color:#74AD4C }
```

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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