

# Converting Colors

Hex(74CB5A)

Have a look what the booklet for  
Hex(74CB5A) contains.

<b>Hex(74CB5A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(74CB5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74CB5A
RGB	116, 203, 90
RGB Percent	45%, 80%, 35%
CMY	0.5451, 0.2039, 0.6471
CMYK	0.43, 0.00, 0.56, 0.20
HSL	106°, 52%, 57%
HSV	106°, 56%, 80%
XYZ	30.4039, 47.1631, 17.1738
YIQ	164.1050, -15.5790, -53.5870

# Conversions

## Conversions Part 2

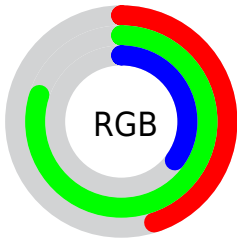
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 203, 177
Decimal	7654234
CIELab	74.29, -47.24, 47.62
CIELCh	74, 67.079, 134.774
Yxy	47.1631, 0.3209, 0.4978
Android (android.graphics.Color)	4285844314 (0xFF74CB5A)
YUV	164.1050, -36.5338, -42.1881
Hunter-Lab	68.6754, -41.1566, 33.2460

# Details

The Hex color **74CB5A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **B15ACB**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ADFF8F**, and **3B9426** is the 20% darker color. If you saturate the color by 10%, you get **64CB46**, and if you desaturate by 10%, it is **84CB6E**.

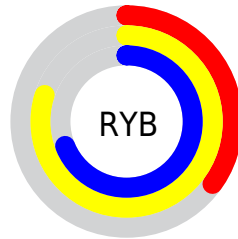
# Distribution



Red (45%)

Green (80%)

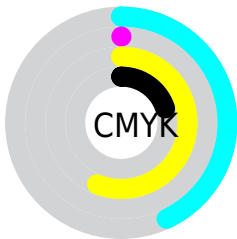
Blue (35%)



Red (35%)

Yellow (80%)

Blue (69%)

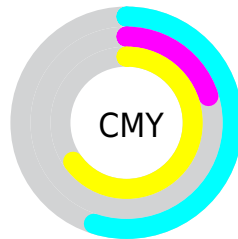


Cyan (43%)

Magenta (0%)

Yellow (56%)

Black (20%)



Cyan (55%)

Magenta (20%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74CB5A 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 74CB5A by changing the saturation by 10% instead.



 74CB5A

 74CB5A

FFFFFF

 58AF40

 ADF8F

 3B9426

 CAFFAA

 187A04

 E7FFC6

 006000

 FFFFE3

 004700

 003000

 001800

 000000

 74CB5A

 74CB5A

 64CB46

 84CB6E

 55CB31

 93CB83

 45CB1D

 A3CB97

 35CB09

 B3CBAB

 2FCB00

 C2CBC0

 D2CBD4

 E1CBE8

 F1CBFC

 FFCBFF

# Harmonies

## Analogous

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



BABD33



74CB5A



00D294

# Triad

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



74CB5A



00C6FF



FF7E9B

# Complementary

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



74CB5A



B15ACB

# 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.



FF82D9



74CB5A



7CB3FF

# Square

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



74CB5A



00D1FF



E199FF



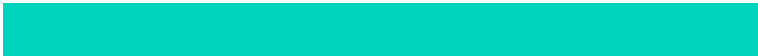
FF9062

# Rectangle

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



74CB5A



00D4BF



E199FF



FF7DAF

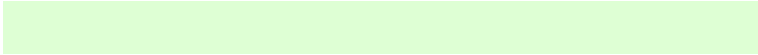


# Sweetspot

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



74CB5A



DEFFD4



CBB15A



6C8066



000000



808080



# Same Dimension

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



74CB5A



7BFF54



5ACB78



5E665C



26A600



092600



# Inverse Universe

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



B15ACB



D854FF



CB5AAD



645C66



8000A6



1D0026



# Previews

## White Background



This preview shows how the Hex color 74CB5A looks on a white background.

## Color Contrast Check

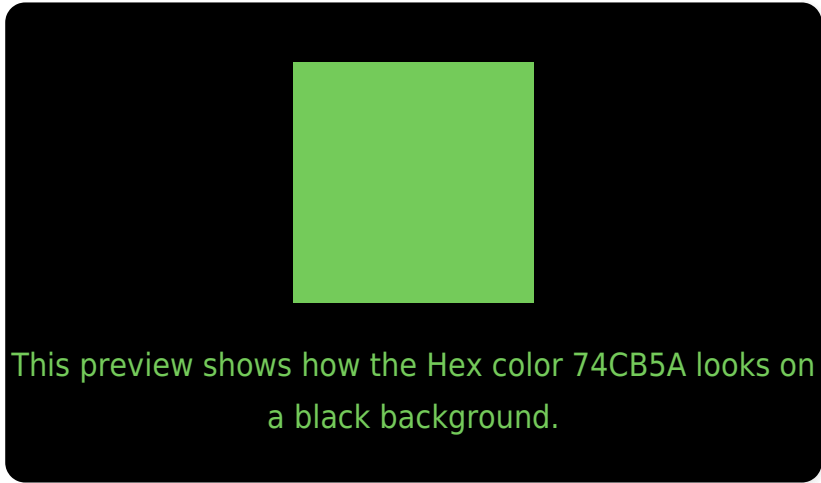
Large Text (above 18pt) WCAG AA × Fail

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

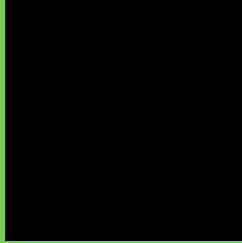
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74CB5A Background



This preview shows how black text looks on a background with the Hex color 74CB5A.

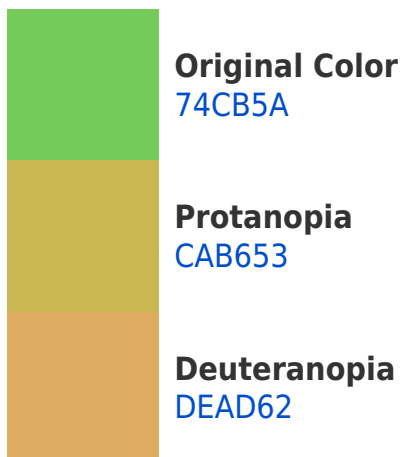


This preview shows how white text looks on a background with the Hex color 74CB5A.

# 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](#).

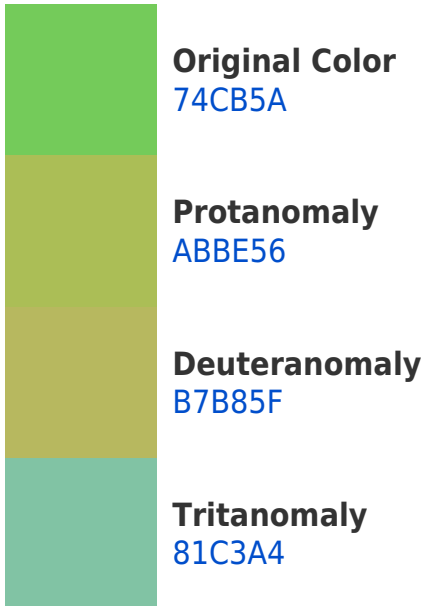
## Dichromacy



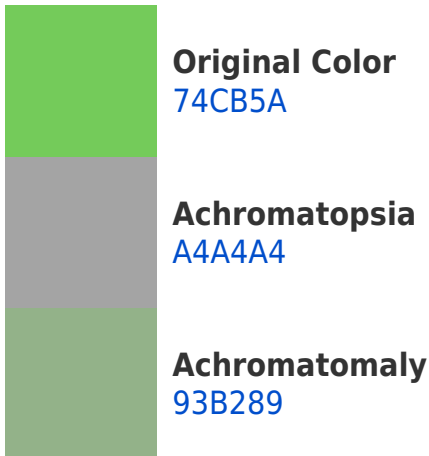


**Tritanopia**  
89BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74CB5A 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 #74CB5A looks like.

```
.text, #text, p{  
    color:#74CB5A  
}
```

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 #74CB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74CB5A
}
```

## Border

The CSS property to change the border of an element to Hex 74CB5A 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
#74CB5A }
```

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

```
.border{ border-color:#74CB5A }
```

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

Here you see how a box with a 4 pixel #74CB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74CB5A; -webkit-box-shadow:4px 4px  
4px 4px #74CB5A; box-shadow:4px 4px 4px  
4px #74CB5A }
```

# Background

The CSS property to change the background color of an element to Hex 74CB5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74CB5A }
```

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

```
.background{ background-color:#74CB5A }
```

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