

Converting Colors

Hex(74C44E)

Have a look what the booklet for
Hex(74C44E) contains.

Hex(74C44E)	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(74C44E)

Conversions

Conversions Part 1

Format	Color
Hex	74C44E
RGB	116, 196, 78
RGB Percent	45%, 77%, 31%
CMY	0.5451, 0.2314, 0.6941
CMYK	0.41, 0.00, 0.60, 0.23
HSL	101°, 50%, 54%
HSV	101°, 60%, 77%
XYZ	28.3175, 43.7429, 14.1585
YIQ	158.6280, -9.8020, -53.6580

Conversions

Conversions Part 2

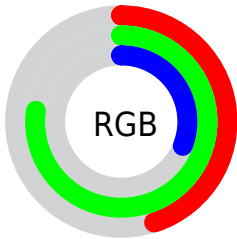
Format	Color
RYB	78, 196, 158
Decimal	7652430
CIELab	72.06, -45.61, 50.50
CIElCh	72, 68.044, 132.088
Yxy	43.7429, 0.3284, 0.5073
Android (android.graphics.Color)	4285842510 (0xFF74C44E)
YUV	158.6280, -39.7496, -37.3848
Hunter-Lab	66.1384, -39.3165, 33.6045

Details

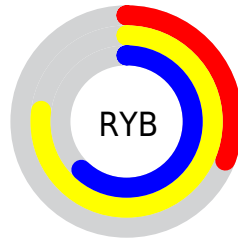
The Hex color **74C44E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **9E4EC4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ACFD83**, and **3B8E16** is the 20% darker color. If you saturate the color by 10%, you get **67C43A**, and if you desaturate by 10%, it is **81C462**.

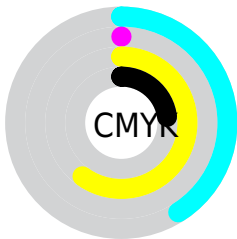
Distribution



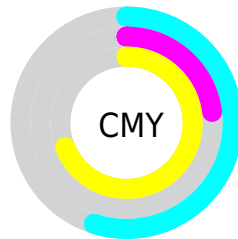
- Red (45%)
- Green (77%)
- Blue (31%)



- Red (31%)
- Yellow (77%)
- Blue (62%)



- Cyan (41%)
- Magenta (0%)
- Yellow (60%)
- Black (23%)



- Cyan (55%)
- Magenta (23%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74C44E 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 74C44E by changing the saturation by 10% instead.

 74C44E

 74C44E

FFFFFF

 58A834


 ACFD83

 3B8E16

 C9FF9E

 1A7300

 E7FFBA

 005A00

 FFFFD6

 004200

 FFFFF3

 002C00

 000E00

 000000

 74C44E

 74C44E

 67C43A

 81C462

 59C427

 8FC475

 4CC413

 9CC489

 3FC400

 A9C49C

 B6C4B0

 C4C4C4

 D1C4D7

 DEC4EB

 ECC4FE

Harmonies

Analogous

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



B9B527



74C44E



00CC88

Triad

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



74C44E



00C2FF



FF769A

Complementary

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



74C44E



9E4EC4

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.



FF7DD8



74C44E



63AFFF

Square

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



74C44E



00CCFF



D495FF



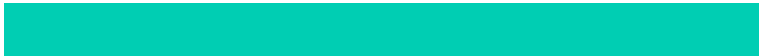
FF8760

Rectangle

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



74C44E



00CEB3



D495FF



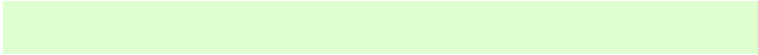
FF75AF

Sweetspot

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



74C44E



E0FFD1



C49D4E



6C8063



000000



808080

Same Dimension

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



74C44E



83FF47



4EC462



5A6157



34A100



0B2100

Inverse Universe

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



9E4EC4



C447FF



C44EB0



5E5761



6D00A1



160021

Previews

White Background



This preview shows how the Hex color 74C44E looks on a white background.

Color Contrast Check

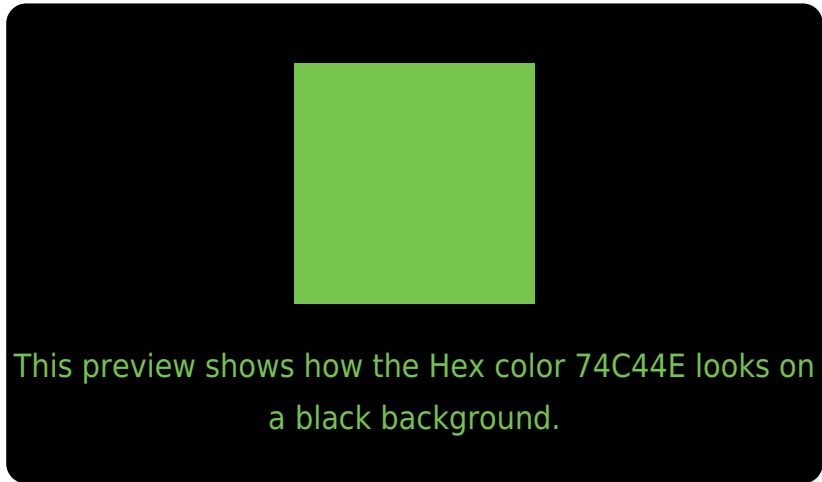
Large Text (above 18pt) WCAG AA × Fail

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

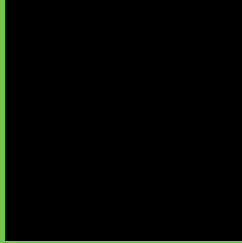
Any Text WCAG AA ✓ Pass

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 74C44E Background



This preview shows how black text looks on a background with the Hex color 74C44E.

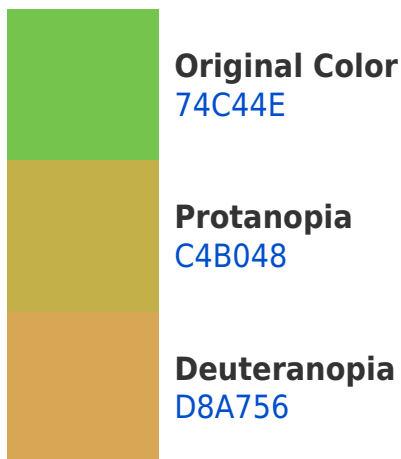


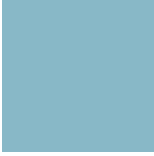
This preview shows how white text looks on a background with the Hex color 74C44E.

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
88B8C7

Trichromacy



Original Color
74C44E



Protanomaly
A7B74A



Deuteranomaly
B4B253



Tritanomaly
81BC9B

Monochromacy



Original Color
74C44E



Achromatopsia
9F9F9F



Achromatomaly
8FAC82

CSS Examples

Text

The CSS property to change the color of the text to Hex 74C44E 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 #74C44E looks like.

```
.text, #text, p{  
    color:#74C44E  
}
```

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 #74C44E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C44E
}
```

Border

The CSS property to change the border of an element to Hex 74C44E 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
#74C44E }
```

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

```
.border{ border-color:#74C44E }
```

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

Here you see how a box with a 4 pixel #74C44E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C44E; -webkit-box-shadow:4px 4px  
4px 4px #74C44E; box-shadow:4px 4px 4px  
4px #74C44E }
```

Background

The CSS property to change the background color of an element to Hex 74C44E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C44E }
```

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

```
.background{ background-color:#74C44E }
```

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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