

Converting Colors

Hex(85A74C)

Have a look what the booklet for
Hex(85A74C) contains.

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Color

Hex(85A74C)

Conversions

Conversions Part 1

Format	Color
Hex	85A74C
RGB	133, 167, 76
RGB Percent	52%, 65%, 30%
CMY	0.4784, 0.3451, 0.7020
CMYK	0.20, 0.00, 0.54, 0.35
HSL	82°, 37%, 48%
HSV	82°, 54%, 65%
XYZ	24.7961, 33.1458, 11.9284
YIQ	146.4600, 8.9470, -35.5090

Conversions

Conversions Part 2

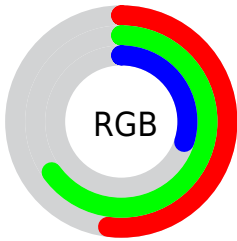
Format	Color
RYB	76, 167, 110
Decimal	8759116
CIELab	64.28, -26.54, 42.71
CIELCh	64, 50.289, 121.858
Yxy	33.1458, 0.3549, 0.4744
Android (android.graphics.Color)	4286949196 (0xFF85A74C)
YUV	146.4600, -34.7368, -11.8044
Hunter-Lab	57.5724, -23.8727, 28.0164

Details

The Hex color **85A74C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E4CA7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BCDE7F**, and **517319** is the 20% darker color. If you saturate the color by 10%, you get **7FA73B**, and if you desaturate by 10%, it is **8BA75D**.

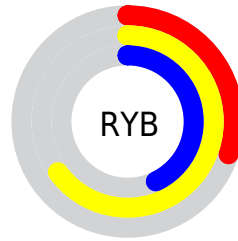
Distribution



Red (52%)

Green (65%)

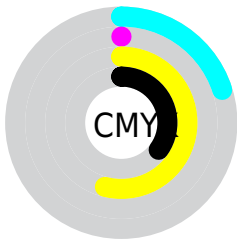
Blue (30%)



Red (30%)

Yellow (65%)

Blue (43%)

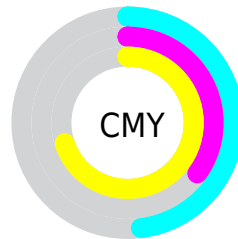


Cyan (20%)

Magenta (0%)

Yellow (54%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A74C 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 85A74C by changing the saturation by 10% instead.



85A74C



85A74C

FFFFFF



6B8D33



BCDE7F



517319



D8FB9A



375A00



F5FFB6



1F4200



FFFFD2



012C00



FFFEE



001800



000000



85A74C



85A74C



7FA73B



8BA75D

 79A72B

 91A76D

 72A71A

 98A77E

 6CA709

 9EA78F

 69A700

 A4A79F

 AAA7B0

 B1A7C1

 B7A7D2

 BDA7E2

Harmonies

Analogous

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



B39A3E



85A74C



48AF70

Triad

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



85A74C



00ABEA



ED759B

Complementary

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



85A74C



6E4CA7

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.



D57EC7



85A74C



4BA0F5

Square

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



85A74C



00B1CA



A28FE8



ED7B6F

Rectangle

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



85A74C



00B28E



A28FE8



E876AA

Sweetspot

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



85A74C



CCD9B6



A76D4C



666E59



EDEDED



6E6E6E

Same Dimension

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



85A74C



A4D94C



58A74C



51544C



5D9400



0D1400

Inverse Universe

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



6E4CA7



814CD9



9B4CA7



4F4C54



370094



080014

Previews

White Background



This preview shows how the Hex color 85A74C looks on a white background.

Color Contrast Check

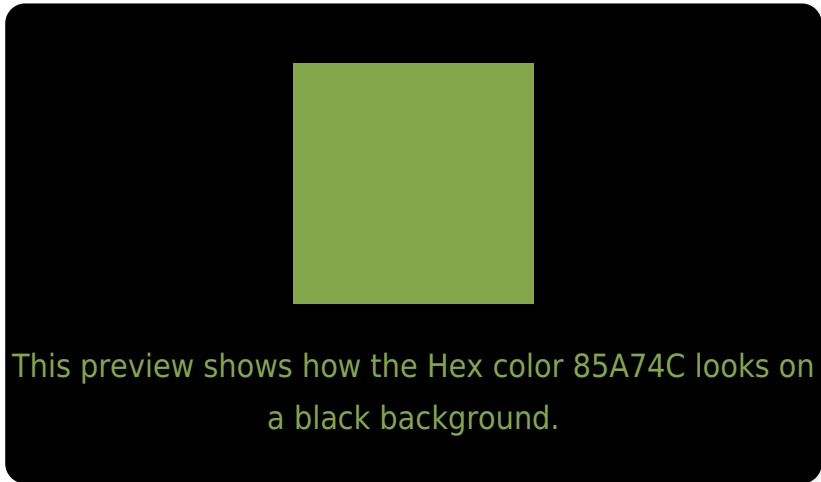
Large Text (above 18pt) WCAG AA × Fail

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 85A74C Background



This preview shows how black text looks on a background with the Hex color 85A74C.

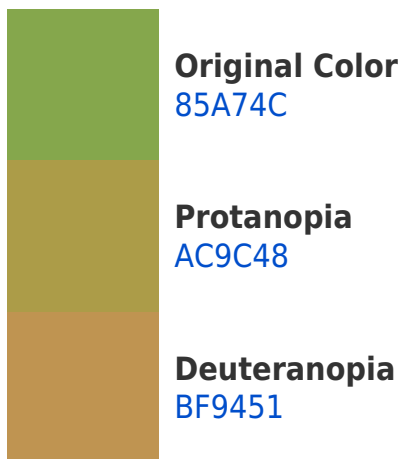


This preview shows how white text looks on a background with the Hex color 85A74C.

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](#).

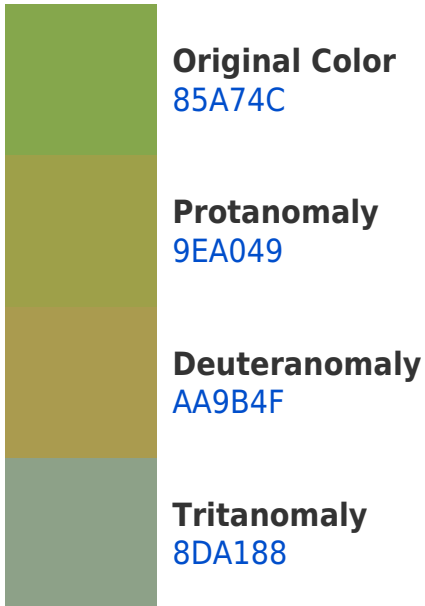
Dichromacy



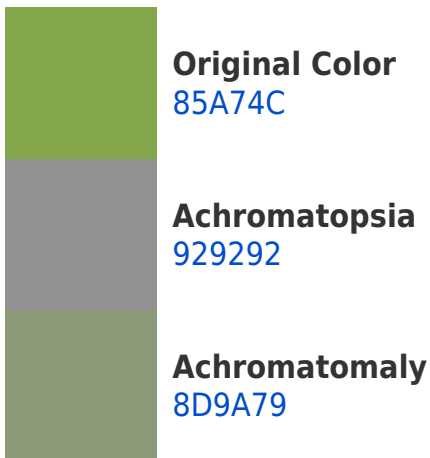


Tritanopia
919DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A74C 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 #85A74C looks like.

```
.text, #text, p{  
    color:#85A74C  
}
```

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 #85A74C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A74C
}
```

Border

The CSS property to change the border of an element to Hex 85A74C 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
#85A74C }
```

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

```
.border{ border-color:#85A74C }
```

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

Here you see how a box with a 4 pixel #85A74C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A74C; -webkit-box-shadow:4px 4px  
4px 4px #85A74C; box-shadow:4px 4px 4px  
4px #85A74C }
```

Background

The CSS property to change the background color of an element to Hex 85A74C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A74C }
```

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

```
.background{ background-color:#85A74C }
```

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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