

Converting Colors

Hex(84A83C)

Have a look what the booklet for
Hex(84A83C) contains.

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Color

Hex(84A83C)

Conversions

Conversions Part 1

Format	Color
Hex	84A83C
RGB	132, 168, 60
RGB Percent	52%, 66%, 24%
CMY	0.4824, 0.3412, 0.7647
CMYK	0.21, 0.00, 0.64, 0.34
HSL	80°, 47%, 45%
HSV	80°, 64%, 66%
XYZ	24.3340, 33.2370, 9.4078
YIQ	144.9240, 13.2120, -41.2200

Conversions

Conversions Part 2

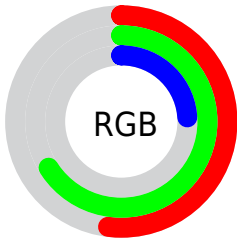
Format	Color
RYB	60, 168, 96
Decimal	8693820
CIELab	64.35, -28.86, 50.12
CIELCh	64, 57.835, 119.932
Yxy	33.2370, 0.3633, 0.4962
Android (android.graphics.Color)	4286883900 (0xFF84A83C)
YUV	144.9240, -41.8675, -11.3343
Hunter-Lab	57.6516, -25.5478, 30.6809

Details

The Hex color **84A83C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **603CA8**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BBDF70**, and **4F7400** is the 20% darker color. If you saturate the color by 10%, you get **7EA82B**, and if you desaturate by 10%, it is **8AA84D**.

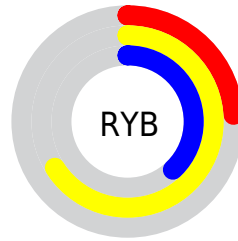
Distribution



Red (52%)

Green (66%)

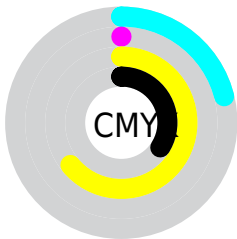
Blue (24%)



Red (24%)

Yellow (66%)

Blue (38%)

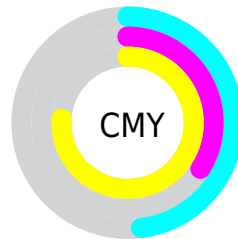


Cyan (21%)

Magenta (0%)

Yellow (64%)

Black (34%)



Cyan (48%)

Magenta (34%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A83C 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 84A83C by changing the saturation by 10% instead.



84A83C



84A83C

FFFFFF



698D21



BBDF70



4F7400



D8FC8B



355B00



F5FFA6



1A4300



FFFFC2



002D00



FFFFDF



001800



FFFFFC



000000



84A83C



84A83C



7EA82B



8AA84D

 79A81A

 8FA85E

 73A80A

 95A86E

 70A800

 9AA87F

 A0A890

 A6A8A1

 ABA8B2

 B1A8C2

 B6A8D3

Harmonies

Analogous

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



B8992C



84A83C



39B166

Triad

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



84A83C



00AEF5



F86D9E

Complementary

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



84A83C



603CA8

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.



DB79D1



84A83C



00A2FF

Square

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



84A83C



00B4CE



9D8EF6



F8736B

Rectangle

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



84A83C



00B488



9D8EF6



F16FB0

Sweetspot

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



84A83C



CDDBB2



A8603C



656E54



EDEDED



6E6E6E

Same Dimension

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



84A83C



A3DB32



50A83C



51544C



639400



0E1400

Inverse Universe

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



603CA8



6B32DB



963CA8



4F4C54



310094



070014

Previews

White Background



This preview shows how the Hex color 84A83C looks on a white background.

Color Contrast Check

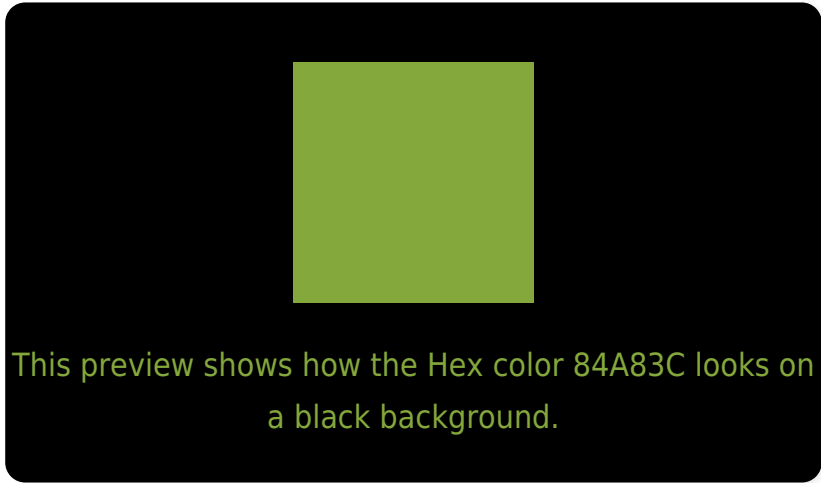
Large Text (above 18pt) WCAG AA × Fail

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 84A83C Background



This preview shows how black text looks on a background with the Hex color 84A83C.

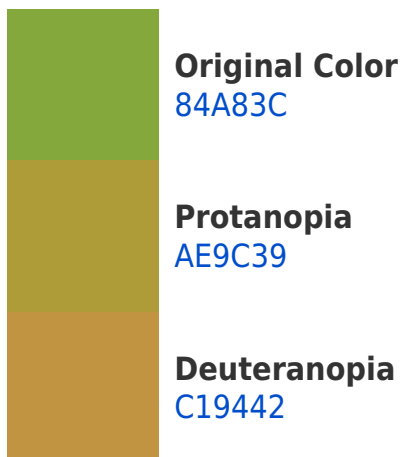


This preview shows how white text looks on a background with the Hex color 84A83C.

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](#).

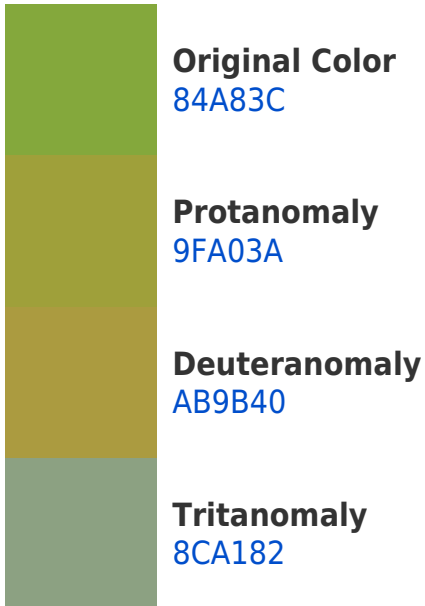
Dichromacy





Tritanopia
919DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A83C 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 #84A83C looks like.

```
.text, #text, p{  
    color:#84A83C  
}
```

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 #84A83C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A83C  
}
```

Border

The CSS property to change the border of an element to Hex 84A83C 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  
#84A83C }
```

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

```
.border{ border-color:#84A83C }
```

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

Here you see how a box with a 4 pixel #84A83C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A83C; -webkit-box-shadow:4px 4px  
4px 4px #84A83C; box-shadow:4px 4px 4px  
4px #84A83C }
```

Background

The CSS property to change the background color of an element to Hex 84A83C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A83C }
```

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

```
.background{ background-color:#84A83C }
```

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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