

# Converting Colors

Hex(84AF5A)

Have a look what the booklet for  
Hex(84AF5A) contains.

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**Color**

**Hex(84AF5A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84AF5A
RGB	132, 175, 90
RGB Percent	52%, 69%, 35%
CMY	0.4824, 0.3137, 0.6471
CMYK	0.25, 0.00, 0.49, 0.31
HSL	90°, 35%, 52%
HSV	90°, 49%, 69%
XYZ	26.6912, 36.3037, 15.2734
YIQ	152.4530, 1.6570, -35.5510

# Conversions

## Conversions Part 2

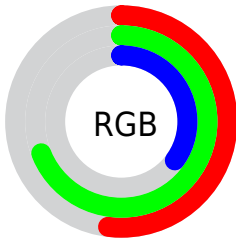
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">90, 175, 133</a>
Decimal	<a href="#">8695642</a>
CIELab	<a href="#">66.75, -29.26, 38.76</a>
CIELCh	<a href="#">67, 48.562, 127.052</a>
Yxy	<a href="#">36.3037, 0.3410, 0.4638</a>
Android (android.graphics.Color)	<a href="#">4286885722 (0xFF84AF5A)</a>
YUV	<a href="#">152.4530, -30.7893, -17.9373</a>
Hunter-Lab	<a href="#">60.2525, -26.3685, 27.1474</a>

# Details

The Hex color **84AF5A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **855AAF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BBE78E**, and **507A29** is the 20% darker color. If you saturate the color by 10%, you get **7BAF49**, and if you desaturate by 10%, it is **8DAF6C**.

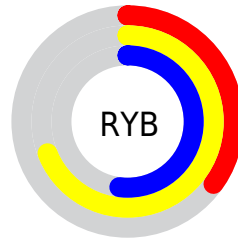
# Distribution



Red (52%)

Green (69%)

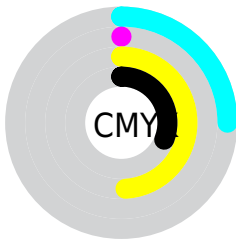
Blue (35%)



Red (35%)

Yellow (69%)

Blue (52%)

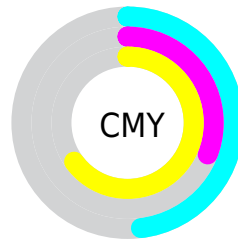


Cyan (25%)

Magenta (0%)

Yellow (49%)

Black (31%)



Cyan (48%)

Magenta (31%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84AF5A 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 84AF5A by changing the saturation by 10% instead.





84AF5A



84AF5A

FFFFFF



6A9441



BBE78E



507A29



D7FFA9



36610E



F4FFC4



1D4900



FFFFE1



003200

FFFFFFE



001F00



000000



84AF5A



84AF5A



7BAF49



8DAF6C

 72AF37

 96AF7D

 69AF26

 9FAF8F

 61AF14

 A7AFA0

 58AF03

 B0AFB2

 56AF00

 B9AFC3

 C2AFD5

 CBAFE6

 D4AFF8

# Harmonies

## Analogous

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



B2A348



84AF5A



46B67F

# Triad

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



84AF5A



00B0F2



F47D9A

# Complementary

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



84AF5A



855AAF

# 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.



E183C5



84AF5A



6AA4F9

# Square

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



84AF5A



00B7D6



B393E8



EF8570

# Rectangle

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



84AF5A



00B89C



B393E8



F07EA9

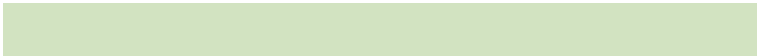


# Sweetspot

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



84AF5A



D2E3C1



AF855A



68735E



F2F2F2



737373



# Same Dimension

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



84AF5A



A0E35F



5AAF5A



52574E



4A9600



0B1700



# Inverse Universe

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



855AAF



A25FE3



AF5AAF



524E57



4C0096



0C0017



# Previews

## White Background



This preview shows how the Hex color 84AF5A looks on a white background.

## Color Contrast Check

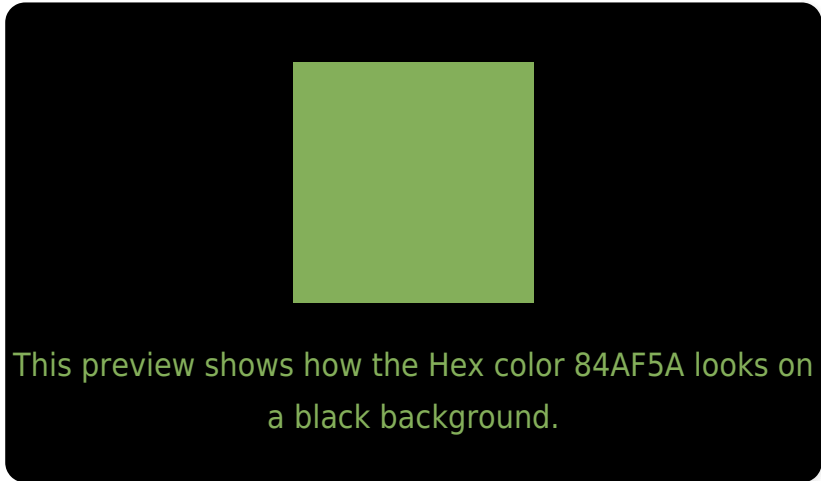
Large Text (above 18pt) WCAG AA × Fail

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 84AF5A Background



This preview shows how black text looks on a background with the Hex color 84AF5A.

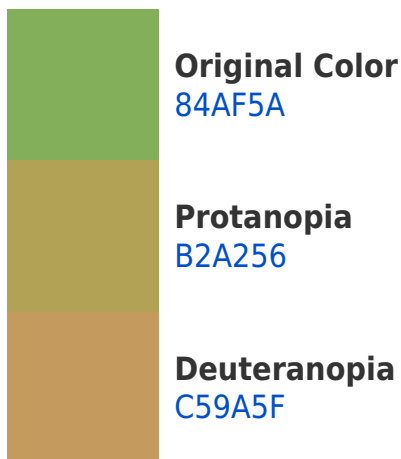


This preview shows how white text looks on a background with the Hex color 84AF5A.

# 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](#).

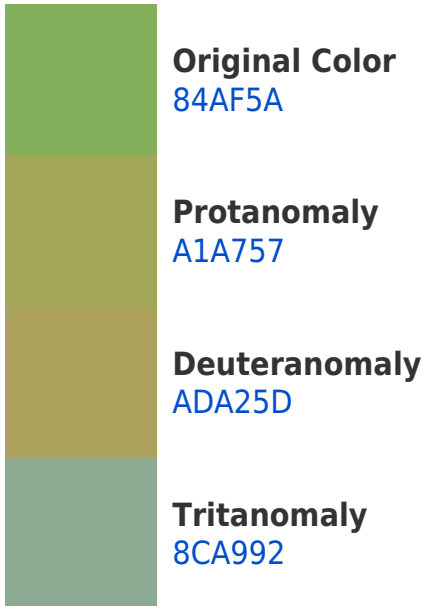
## Dichromacy



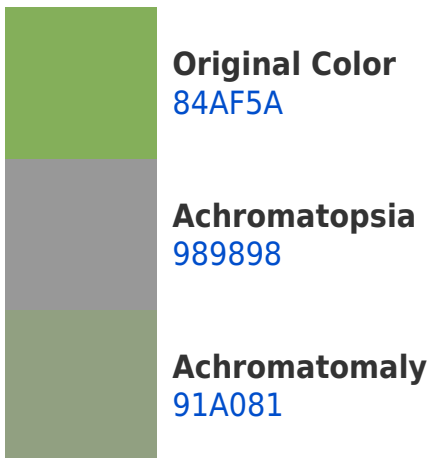


**Tritanopia**  
91A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84AF5A 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 #84AF5A looks like.

```
.text, #text, p{  
    color:#84AF5A  
}
```

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 #84AF5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AF5A
}
```

## Border

The CSS property to change the border of an element to Hex 84AF5A 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
#84AF5A }
```

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

```
.border{ border-color:#84AF5A }
```

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

Here you see how a box with a 4 pixel #84AF5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AF5A; -webkit-box-shadow:4px 4px  
4px 4px #84AF5A; box-shadow:4px 4px 4px  
4px #84AF5A }
```

# Background

The CSS property to change the background color of an element to Hex 84AF5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AF5A }
```

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

```
.background{ background-color:#84AF5A }
```

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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