

# Converting Colors

Hex(82A54F)

Have a look what the booklet for  
Hex(82A54F) contains.

<b>Hex(82A54F)</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(82A54F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82A54F
RGB	130, 165, 79
RGB Percent	51%, 65%, 31%
CMY	0.4902, 0.3529, 0.6902
CMYK	0.21, 0.00, 0.52, 0.35
HSL	84°, 35%, 48%
HSV	84°, 52%, 65%
XYZ	24.0723, 32.2206, 12.3476
YIQ	144.7310, 6.7460, -34.1660

# Conversions

## Conversions Part 2

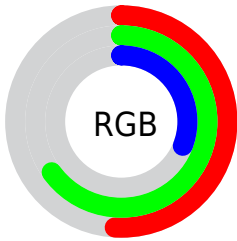
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">79, 165, 114</a>
Decimal	<a href="#">8561999</a>
CIELab	<a href="#">63.52, -26.43, 40.31</a>
CIELCh	<a href="#">64, 48.200, 123.257</a>
Yxy	<a href="#">32.2206, 0.3507, 0.4694</a>
Android (android.graphics.Color)	<a href="#">4286752079 (0xFF82A54F)</a>
YUV	<a href="#">144.7310, -32.4054, -12.9191</a>
Hunter-Lab	<a href="#">56.7632, -23.6367, 26.8370</a>

# Details

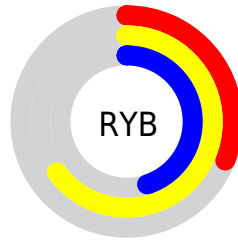
The Hex color **82A54F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **724FA5**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B9DC82**, and **4E711D** is the 20% darker color. If you saturate the color by 10%, you get **7BA53E**, and if you desaturate by 10%, it is **89A55F**.

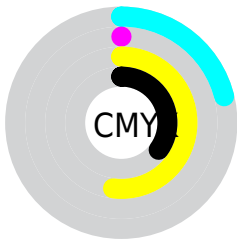
# Distribution



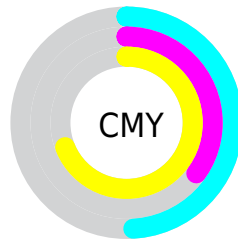
- Red (51%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (45%)



- Cyan (21%)
- Magenta (0%)
- Yellow (52%)
- Black (35%)



- Cyan (49%)
- Magenta (35%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A54F 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 82A54F by changing the saturation by 10% instead.





82A54F



82A54F

FFFFFF



688B36



B9DC82



4E711D



D5F99D



355800



F2FFB8



1D4100



FFFFD4



002A00



FFFFF1



001500



000000



82A54F



82A54F



7BA53E



89A55F

 75A52E

 8FA570

 6EA51D

 96A581

 67A50D

 9DA591

 62A500

 A4A5A1

 AAA5B2

 B1A5C2

 B8A5D3

 BEA5E3

# Harmonies

## Analogous

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



AE9941



82A54F



47AC72

# Triad

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



82A54F



00A8E6



E97597

# Complementary

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



82A54F



724FA5

# 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.



D37DC1



82A54F



559DEF

# Square

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



82A54F



00AEC8



A38DE2



E77B6D

# Rectangle

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



82A54F



00AF8E



A38DE2



E476A5



# Sweetspot

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



82A54F



C8D6B4



A5714F



636B57



EBEBEB



6B6B6B



# Same Dimension

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



82A54F



9FD64F



58A54F



4E5249



569100



0B1200



# Inverse Universe

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



724FA5



864FD6



9C4FA5



4D4952



3B0091



070012



# Previews

## White Background



This preview shows how the Hex color 82A54F looks on a white background.

## Color Contrast Check

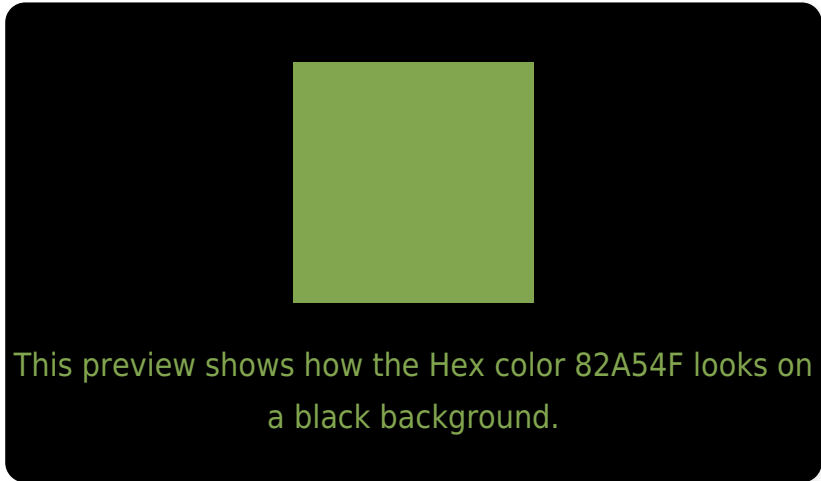
Large Text (above 18pt) WCAG AA × Fail

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

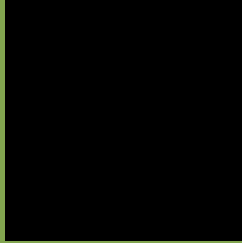
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82A54F Background



This preview shows how black text looks on a background with the Hex color 82A54F.



This preview shows how white text looks on a background with the Hex color 82A54F.

# 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](#).

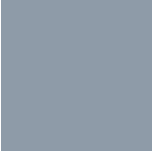
## Dichromacy



**Original Color**  
82A54F

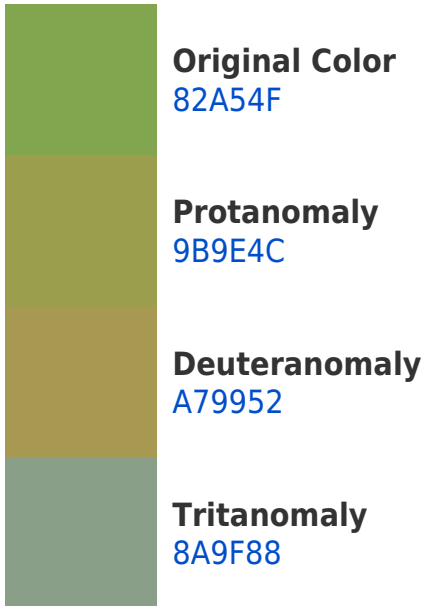
**Protanopia**  
AA9A4B

**Deuteranopia**  
BC9254

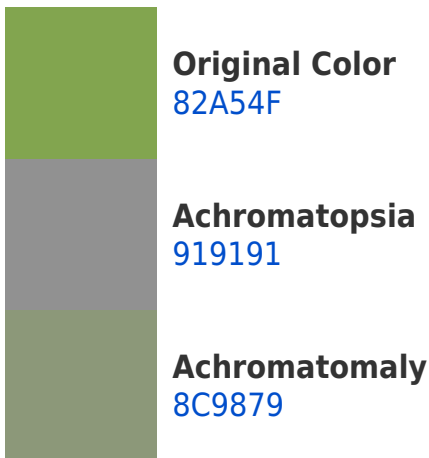


**Tritanopia**  
8E9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A54F 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 #82A54F looks like.

```
.text, #text, p{  
    color:#82A54F  
}
```

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 #82A54F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A54F
}
```

## Border

The CSS property to change the border of an element to Hex 82A54F 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
#82A54F }
```

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

```
.border{ border-color:#82A54F }
```

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

Here you see how a box with a 4 pixel #82A54F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A54F; -webkit-box-shadow:4px 4px  
4px 4px #82A54F; box-shadow:4px 4px 4px  
4px #82A54F }
```

# Background

The CSS property to change the background color of an element to Hex 82A54F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A54F }
```

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

```
.background{ background-color:#82A54F }
```

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