

# Converting Colors

Hex(5A854A)

Have a look what the booklet for  
Hex(5A854A) contains.

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# Color

Hex(5A854A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A854A
RGB	90, 133, 74
RGB Percent	35%, 52%, 29%
CMY	0.6471, 0.4784, 0.7098
CMYK	0.32, 0.00, 0.44, 0.48
HSL	104°, 29%, 41%
HSV	104°, 44%, 52%
XYZ	13.8400, 19.4431, 9.5020
YIQ	113.4170, -6.6890, -27.4650

# Conversions

## Conversions Part 2

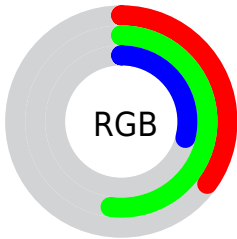
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 133, 117
Decimal	5932362
CIELab	51.20, -26.61, 27.15
CIElCh	51, 38.021, 134.425
Yxy	19.4431, 0.3235, 0.4544
Android (android.graphics.Color)	4284122442 (0xFF5A854A)
YUV	113.4170, -19.4326, -20.5367
Hunter-Lab	44.0944, -21.1389, 18.0895

# Details

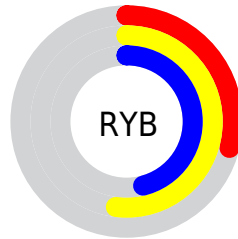
The Hex color **5A854A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **754A85**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8EBA7C**, and **29531C** is the 20% darker color. If you saturate the color by 10%, you get **50853D**, and if you desaturate by 10%, it is **648557**.

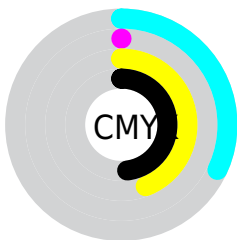
# Distribution



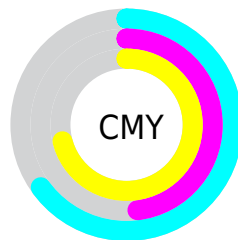
- Red (35%)
- Green (52%)
- Blue (29%)



- Red (29%)
- Yellow (52%)
- Blue (46%)



- Cyan (32%)
- Magenta (0%)
- Yellow (44%)
- Black (48%)



- Cyan (65%)
- Magenta (48%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A854A 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 5A854A by changing the saturation by 10% instead.





5A854A



5A854A

FFFFFF



416C33



8EBA7C



29531C



A9D696



0F3C04



C5F3B1



002600



E1FFCC



000800



FEFFE9



000000



5A854A



5A854A



50853D



648557




47852F



6D8565

 3D8522

 778572

 338515

 81857F

 2A8507

 8A858D

 248500

 94859A

 9E85A7

 A885B4

 B185C2

# Harmonies

## Analogous

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



7E7D39



5A854A



278967

# Triad

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



5A854A



0082B8



B85F6B

# Complementary

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



5A854A



754A85

# 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.



AE618C



5A854A



6178B9

# Square

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



5A854A



0088A7



916BA9



B0674E

# Rectangle

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



5A854A



008B7E



916BA9



B65F76



# Sweetspot

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



5A854A



9DAD97



85744A



4D5749



D6D6D6



575757



# Same Dimension

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



5A854A



6AAD51



4A8557



3D423C



238200



010300



# Inverse Universe

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



754A85



9451AD



854A78



413C42



5F0082



020003



# Previews

## White Background



This preview shows how the Hex color 5A854A looks on a white background.

## Color Contrast Check

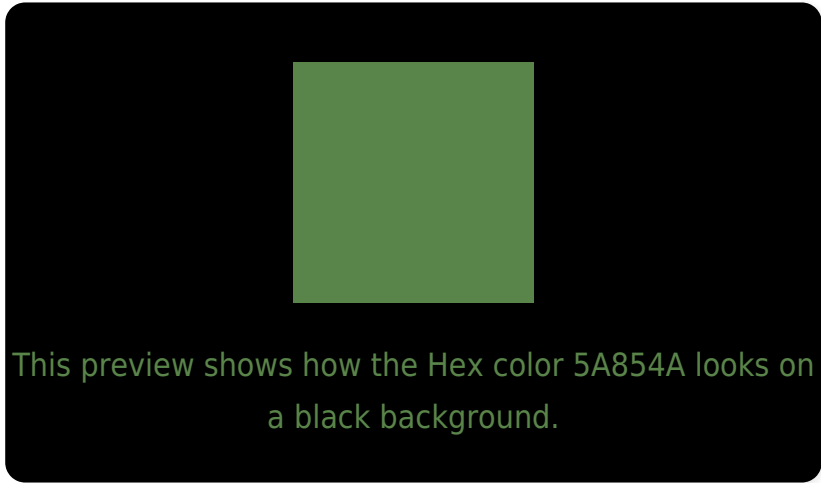
Large Text (above 18pt) WCAG AA ✓ Pass

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

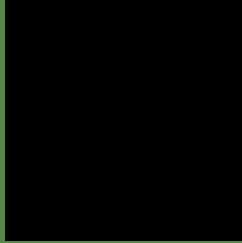
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A854A Background



This preview shows how black text looks on a background with the Hex color 5A854A.



This preview shows how white text looks on a background with the Hex color 5A854A.

# 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**  
5A854A

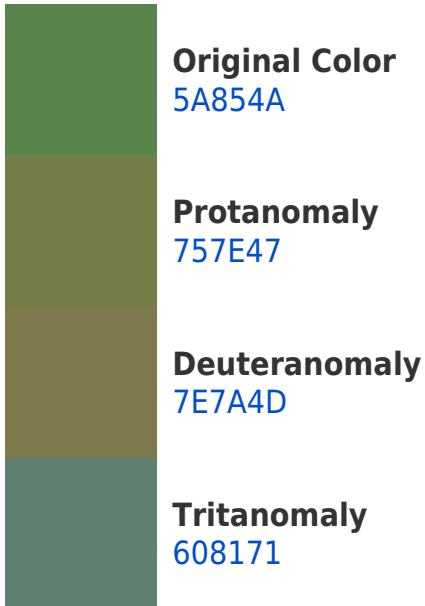
**Protanopia**  
857A46

**Deuteranopia**  
92744E

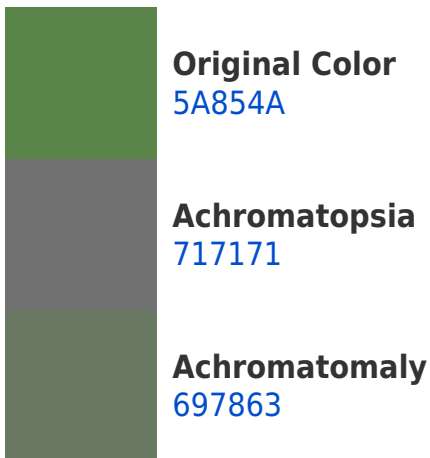


**Tritanopia**  
647E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A854A 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 #5A854A looks like.

```
.text, #text, p{  
    color:#5A854A  
}
```

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 #5A854A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A854A
}
```

## Border

The CSS property to change the border of an element to Hex 5A854A 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".

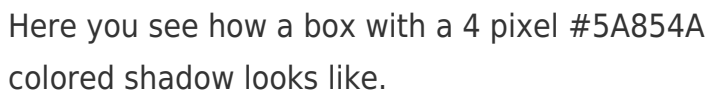
```
.border, #border, table{ border:4px solid
#5A854A }
```

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

```
.border{ border-color:#5A854A }
```

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

Here you see how a box with a 4 pixel #5A854A colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A854A; -webkit-box-shadow:4px 4px  
4px 4px #5A854A; box-shadow:4px 4px 4px  
4px #5A854A }
```

# Background

The CSS property to change the background color of an element to Hex 5A854A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A854A }
```

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

```
.background{ background-color:#5A854A }
```

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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