

# Converting Colors

Hex(829A3C)

Have a look what the booklet for  
Hex(829A3C) contains.

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**Color**

**Hex(829A3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	829A3C
RGB	130, 154, 60
RGB Percent	51%, 60%, 24%
CMY	0.4902, 0.3961, 0.7647
CMYK	0.16, 0.00, 0.61, 0.40
HSL	75°, 44%, 42%
HSV	75°, 61%, 60%
XYZ	21.5771, 28.1833, 8.5776
YIQ	136.1080, 15.8700, -34.3220

# Conversions

## Conversions Part 2

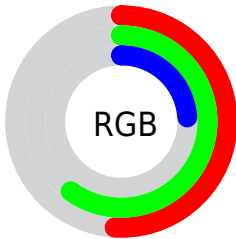
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 154, 84
Decimal	8559164
CIELab	60.05, -22.80, 45.39
CIELCh	60, 50.797, 116.674
Yxy	28.1833, 0.3699, 0.4831
Android (android.graphics.Color)	4286749244 (0xFF829A3C)
YUV	136.1080, -37.5212, -5.3567
Hunter-Lab	53.0879, -20.3541, 27.5818

# Details

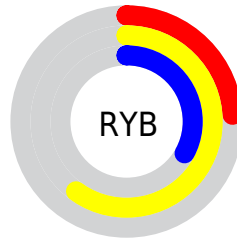
The Hex color **829A3C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **543C9A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B9D06F**, and **4E6703** is the 20% darker color. If you saturate the color by 10%, you get **7E9A2D**, and if you desaturate by 10%, it is **869A4B**.

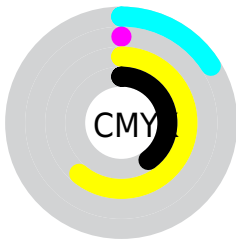
# Distribution



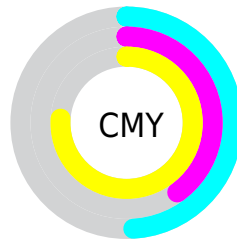
- Red (51%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (33%)



- Cyan (16%)
- Magenta (0%)
- Yellow (61%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 829A3C 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 829A3C by changing the saturation by 10% instead.





829A3C



829A3C

FFFFFF



688022



B9D06F



4E6703



D5ED8A



354F00



F2FFA5



1C3800



FFFFC0



002200



FFFFDD



000000



FFFFFFA



829A3C



829A3C



7E9A2D



869A4B

7A9A1D

8A9A5B

769A0E

8E9A6A

739A00

929A7A

969A89

9A9A98

9E9AA8

A19AB7

A59AC7

# Harmonies

## Analogous

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



AE8D33



829A3C



48A25D

# Triad

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



829A3C



00A2DB



DF6998

# Complementary

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



829A3C



543C9A

# 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.



C375C3



829A3C



0C97EA

# Square

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



829A3C



00A6B8



8A87E1



E26D6B

# Rectangle

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



829A3C



00A67B



8A87E1



D96CA7



# Sweetspot

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



829A3C



C0C9A5



9A543C



606650



E6E6E6



666666



# Same Dimension

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



829A3C



A4C936



549A3C



4B4D45



688C00



090D00



# Inverse Universe

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



543C9A



5C36C9



833C9A



47454D



24008C



03000D



# Previews

## White Background



This preview shows how the Hex color 829A3C looks on a white background.

## Color Contrast Check

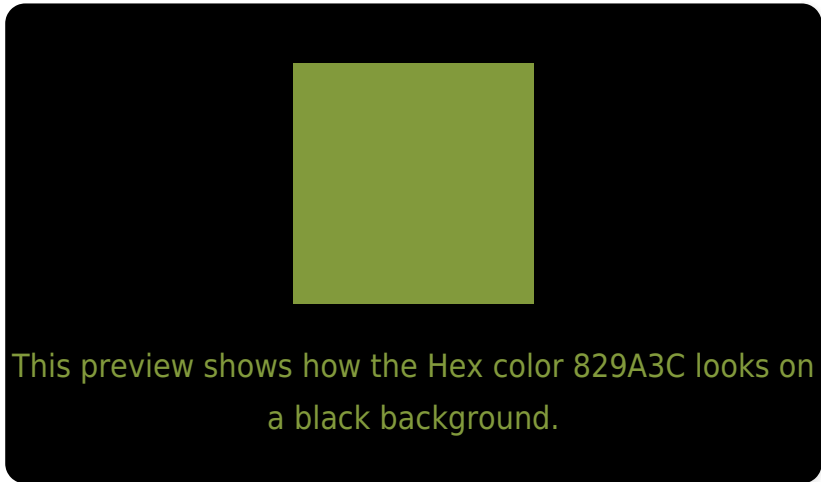
Large Text (above 18pt) WCAG AA ✓ Pass

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

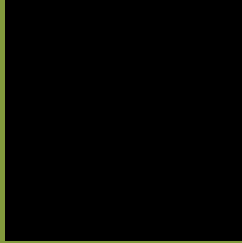
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 829A3C Background



This preview shows how black text looks on a background with the Hex color 829A3C.

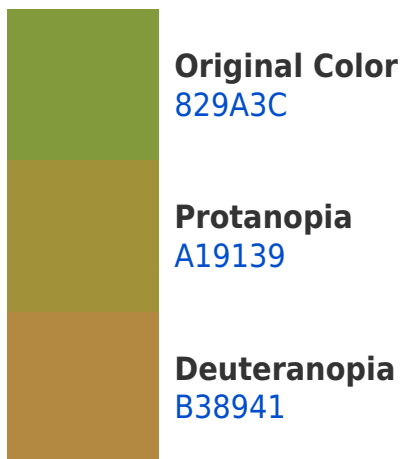


This preview shows how white text looks on a background with the Hex color 829A3C.

# 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](#).

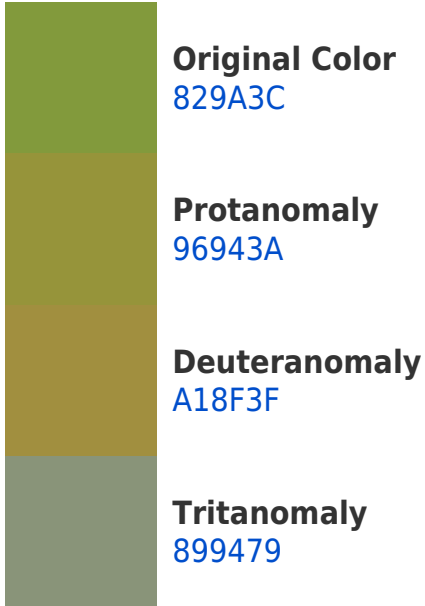
## Dichromacy





**Tritanopia**  
8D909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 829A3C 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 #829A3C looks like.

```
.text, #text, p{  
    color:#829A3C  
}
```

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 #829A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829A3C
}
```

## Border

The CSS property to change the border of an element to Hex 829A3C 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
#829A3C }
```

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

```
.border{ border-color:#829A3C }
```

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

Here you see how a box with a 4 pixel #829A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829A3C; -webkit-box-shadow:4px 4px  
4px 4px #829A3C; box-shadow:4px 4px 4px  
4px #829A3C }
```

# Background

The CSS property to change the background color of an element to Hex 829A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829A3C }
```

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

```
.background{ background-color:#829A3C }
```

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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