

# Converting Colors

Hex(849A36)

Have a look what the booklet for  
Hex(849A36) contains.

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**Color**

**Hex(849A36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	849A36
RGB	132, 154, 54
RGB Percent	52%, 60%, 21%
CMY	0.4824, 0.3961, 0.7882
CMYK	0.14, 0.00, 0.65, 0.40
HSL	73°, 48%, 41%
HSV	73°, 65%, 60%
XYZ	21.7372, 28.2831, 7.8035
YIQ	136.0220, 18.9880, -35.7640

# Conversions

## Conversions Part 2

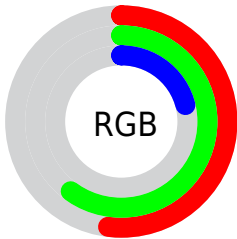
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 154, 76
Decimal	8690230
CIELab	60.14, -22.44, 48.21
CIELCh	60, 53.172, 114.960
Yxy	28.2831, 0.3759, 0.4891
Android (android.graphics.Color)	4286880310 (0xFF849A36)
YUV	136.0220, -40.4368, -3.5273
Hunter-Lab	53.1818, -20.1094, 28.5275

# Details

The Hex color **849A36** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C369A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BBD06A**, and **4F6700** is the 20% darker color. If you saturate the color by 10%, you get **819A27**, and if you desaturate by 10%, it is **879A45**.

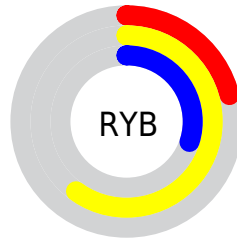
# Distribution



Red (52%)

Green (60%)

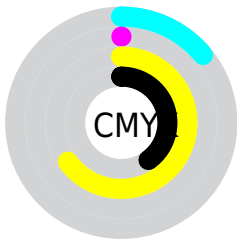
Blue (21%)



Red (21%)

Yellow (60%)

Blue (30%)

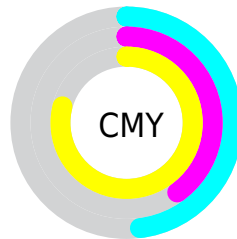


Cyan (14%)

Magenta (0%)

Yellow (65%)

Black (40%)



Cyan (48%)

Magenta (40%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 849A36 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 849A36 by changing the saturation by 10% instead.



 849A36

 849A36

FFFFFF

 69801B

 BBD06A

 4F6700

 D8ED84

 364F00

 F5FF9F

 1C3800

 FFFFBB

 002300

 FFFFD7


 000100

 FFFFF4

 000000

 849A36

 849A36

 819A27

 879A45

 7D9A17

 8B9A55

 7A9A08

 8E9A64

 789A00

 929A74

 959A83

 989A92

 9C9AA2

 9F9AB1

 A29AC1

# Harmonies

## Analogous

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



B18C2E



849A36



48A359

# Triad

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



849A36



00A3DD



E2679B

# Complementary

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



849A36



4C369A

# 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.



C374C7



849A36



0099EE

# Square

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



849A36



00A8B7



8588E6



E66A6C

# Rectangle

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



849A36



00A677



8588E6



DB6AAB



# Sweetspot

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



849A36



C1C9A3



9A4C36



61664F



E6E6E6



666666



# Same Dimension

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



849A36



A7C92C



529A36



4B4D45



6D8C00



0A0D00



# Inverse Universe

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



4C369A



4F2CC9



7E369A



47454D



1F008C



03000D



# Previews

## White Background



This preview shows how the Hex color 849A36 looks on a white background.

## Color Contrast Check

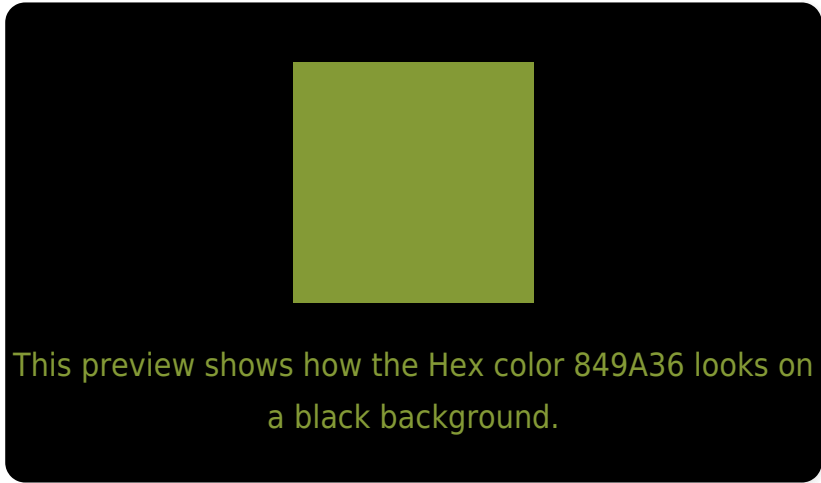
Large Text (above 18pt) WCAG AA ✓ Pass

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 849A36 Background



This preview shows how black text looks on a background with the Hex color 849A36.



This preview shows how white text looks on a background with the Hex color 849A36.

# 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](#).

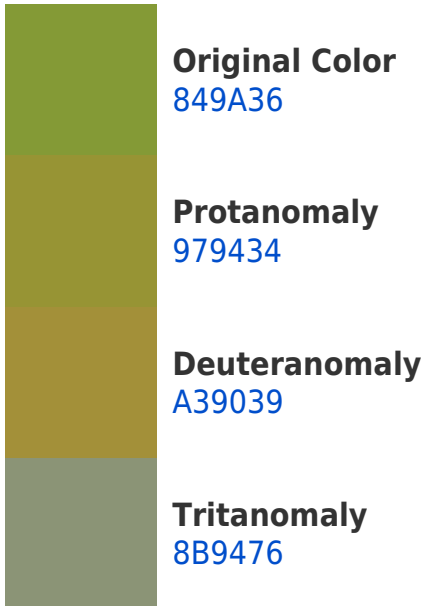
## Dichromacy



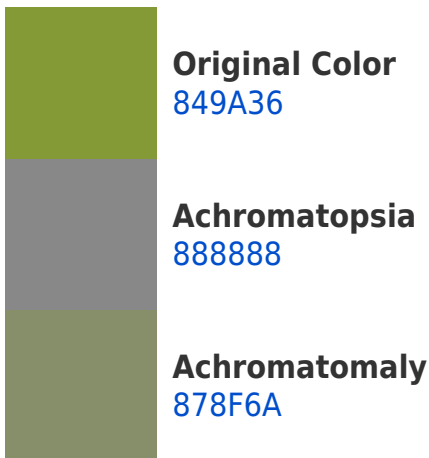


**Tritanopia**  
8F909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 849A36 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 #849A36 looks like.

```
.text, #text, p{  
    color:#849A36  
}
```

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 #849A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849A36
}
```

## Border

The CSS property to change the border of an element to Hex 849A36 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
#849A36 }
```

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

```
.border{ border-color:#849A36 }
```

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

Here you see how a box with a 4 pixel #849A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849A36; -webkit-box-shadow:4px 4px  
4px 4px #849A36; box-shadow:4px 4px 4px  
4px #849A36 }
```

# Background

The CSS property to change the background color of an element to Hex 849A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849A36 }
```

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

```
.background{ background-color:#849A36 }
```

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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