

# Converting Colors

Hex(839459)

Have a look what the booklet for  
Hex(839459) contains.

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**Color**

**Hex(839459)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	839459
RGB	131, 148, 89
RGB Percent	51%, 58%, 35%
CMY	0.4863, 0.4196, 0.6510
CMYK	0.11, 0.00, 0.40, 0.42
HSL	77°, 25%, 46%
HSV	77°, 40%, 58%
XYZ	21.7531, 26.7264, 13.4634
YIQ	136.1910, 8.8070, -21.9530

# Conversions

## Conversions Part 2

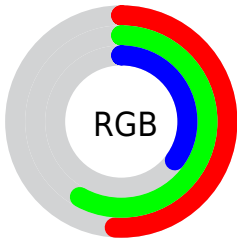
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 148, 106
Decimal	8623193
CIELab	58.72, -16.23, 29.19
CIELCh	59, 33.397, 119.071
Yxy	26.7264, 0.3512, 0.4315
Android (android.graphics.Color)	4286813273 (0xFF839459)
YUV	136.1910, -23.2652, -4.5525
Hunter-Lab	51.6976, -15.3620, 20.7476

# Details

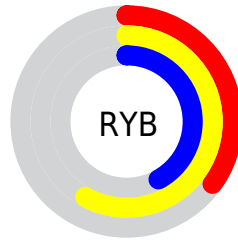
The Hex color **839459** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A5994**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B9CA8C**, and **50612A** is the 20% darker color. If you saturate the color by 10%, you get **7F944A**, and if you desaturate by 10%, it is **879468**.

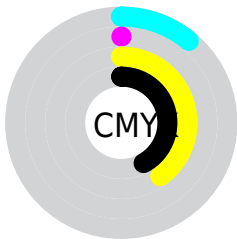
# Distribution



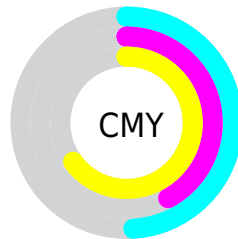
- Red (51%)
- Green (58%)
- Blue (35%)



- Red (35%)
- Yellow (58%)
- Blue (42%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 839459 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 839459 by changing the saturation by 10% instead.





839459



839459

FFFFFF



697A41



B9CA8C



50612A



D5E6A6



384A13



F1FFC2



223300



FFFFDE



071E00



FFFFFFB



000000



839459



839459



7F944A



879468



7A943B



8C9477

■ 76942D

■ 909485

■ 72941E

■ 949494

■ 6E940F

■ 9894A3

■ 699400

■ 9D94B2

■ A194C1

■ A594CF

■ A994DE

# Harmonies

## Analogous

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



A18B52



839459



609A6E

# Triad

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



839459



2998BF



C4768F

# Complementary

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



839459



6A5994

# 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.



B17CAC



839459



6190C7

# Square

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



839459



049CA9



8F86C0



C57972

# Rectangle

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



839459



469C81



8F86C0



BF7799



# Sweetspot

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



839459



B9BFA8



946A59



5D6153



E0E0E0



616161



# Same Dimension

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



839459



A5BF63



669459



484A43



628A00



070A00



# Inverse Universe

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



6A5994



7E63BF



875994



45434A



28008A



03000A



# Previews

## White Background



This preview shows how the Hex color 839459 looks on a white background.

## Color Contrast Check

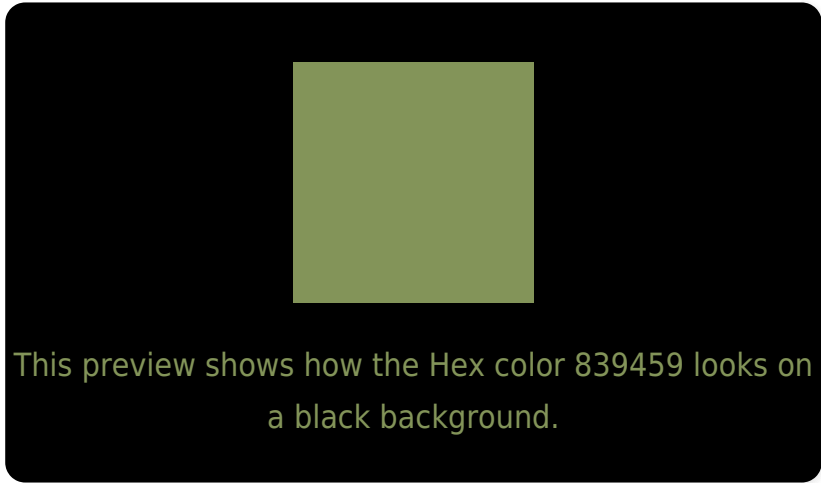
Large Text (above 18pt) WCAG AA ✓ Pass

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

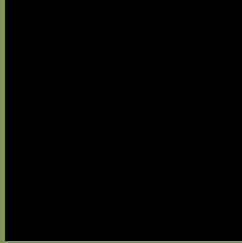
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

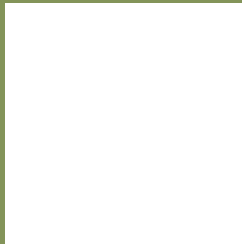
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 839459 Background



This preview shows how black text looks on a background with the Hex color 839459.

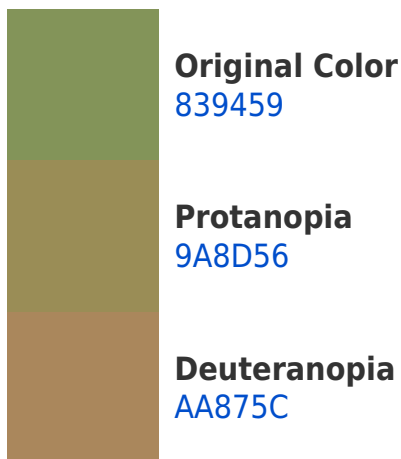


This preview shows how white text looks on a background with the Hex color 839459.

# 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



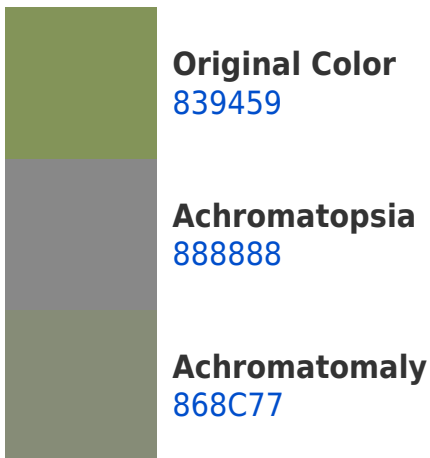


**Tritanopia**  
8B8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 839459 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 #839459 looks like.

```
.text, #text, p{  
    color:#839459  
}
```

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 #839459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839459
}
```

## Border

The CSS property to change the border of an element to Hex 839459 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
#839459 }
```

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

```
.border{ border-color:#839459 }
```

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

Here you see how a box with a 4 pixel #839459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839459; -webkit-box-shadow:4px 4px  
4px 4px #839459; box-shadow:4px 4px 4px  
4px #839459 }
```

# Background

The CSS property to change the background color of an element to Hex 839459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839459 }
```

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

```
.background{ background-color:#839459 }
```

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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