

# Converting Colors

Hex(859842)

Have a look what the booklet for  
Hex(859842) contains.

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**Color**

**Hex(859842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	859842
RGB	133, 152, 66
RGB Percent	52%, 60%, 26%
CMY	0.4784, 0.4039, 0.7412
CMYK	0.12, 0.00, 0.57, 0.40
HSL	73°, 39%, 43%
HSV	73°, 57%, 60%
XYZ	21.8845, 27.8364, 9.3738
YIQ	136.5150, 16.2820, -30.7740

# Conversions

## Conversions Part 2

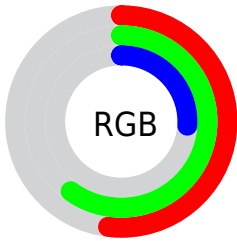
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 152, 85
Decimal	8755266
CIELab	59.74, -20.01, 42.28
CIELCh	60, 46.773, 115.330
Yxy	27.8364, 0.3703, 0.4710
Android (android.graphics.Color)	4286945346 (0xFF859842)
YUV	136.5150, -34.7639, -3.0827
Hunter-Lab	52.7602, -18.2900, 26.3982

# Details

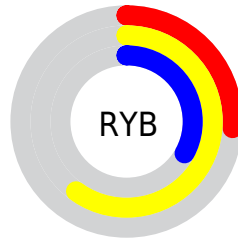
The Hex color **859842** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **554298**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BCCE75**, and **51650E** is the 20% darker color. If you saturate the color by 10%, you get **829833**, and if you desaturate by 10%, it is **889851**.

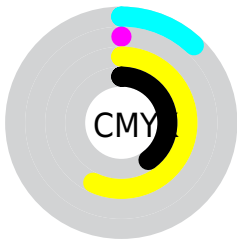
# Distribution



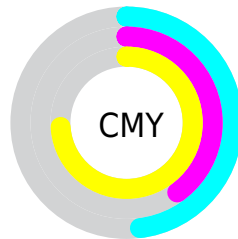
- Red (52%)
- Green (60%)
- Blue (26%)



- Red (26%)
- Yellow (60%)
- Blue (33%)



- Cyan (12%)
- Magenta (0%)
- Yellow (57%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859842 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 859842 by changing the saturation by 10% instead.





859842



859842

FFFFFF



6B7E29



BCCE75



51650E



D8EA8F



384D00



F5FFAA



203600



FFFFC6



022100



FFFFE2



000000



859842



859842



829833



889851



7E9824



8C9860

■ 7B9814

■ 8F9870

■ 789805

■ 92987F

■ 769800

■ 96988E

■ 99989D

■ 9D98AC

■ A098BC

■ A398CB

# Harmonies

## Analogous

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



AD8B3B



859842



52A05F

# Triad

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



859842



00A0D3



D86D98

# Complementary

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



859842



554298

# 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.



BD77BF



859842



2996E2

# Square

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



859842



00A4B2



8888DA



DC6F6F

# Rectangle

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



859842



13A37A



8888DA



D26FA6



# Sweetspot

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



859842



BDC4A3



985542



5F6350



E3E3E3



636363



# Same Dimension

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



859842



A7C43F



5A9842



4B4D45



6D8C00



0A0D00



# Inverse Universe

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



554298



5C3FC4



804298



47454D



1F008C



03000D



# Previews

## White Background



This preview shows how the Hex color 859842 looks on a white background.

## Color Contrast Check

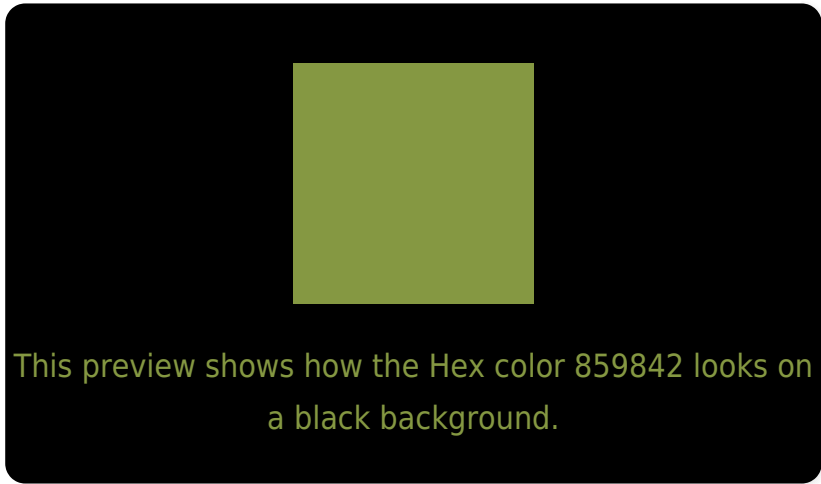
Large Text (above 18pt) WCAG AA ✓ Pass

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 859842 Background



This preview shows how black text looks on a background with the Hex color 859842.



This preview shows how white text looks on a background with the Hex color 859842.

# 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**  
859842

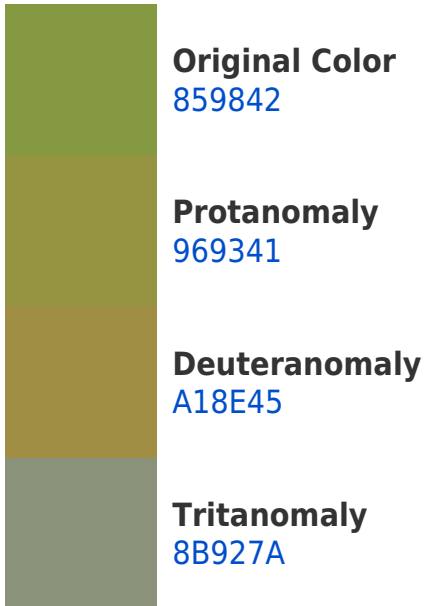
**Protanopia**  
A09040

**Deuteranopia**  
B18946

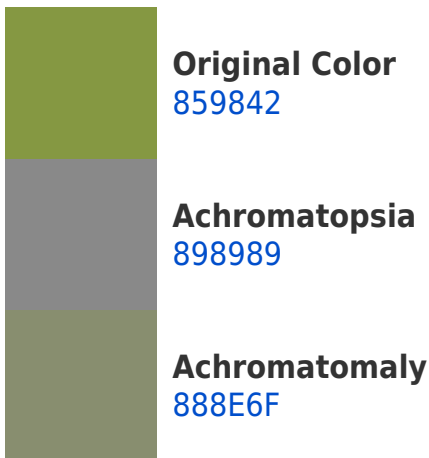


**Tritanopia**  
8F8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859842 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 #859842 looks like.

```
.text, #text, p{  
    color:#859842  
}
```

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 #859842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859842
}
```

## Border

The CSS property to change the border of an element to Hex 859842 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
#859842 }
```

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

```
.border{ border-color:#859842 }
```

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

Here you see how a box with a 4 pixel #859842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859842; -webkit-box-shadow:4px 4px  
4px 4px #859842; box-shadow:4px 4px 4px  
4px #859842 }
```

# Background

The CSS property to change the background color of an element to Hex 859842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859842 }
```

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

```
.background{ background-color:#859842 }
```

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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