

# Converting Colors

Hex(859C48)

Have a look what the booklet for  
Hex(859C48) contains.

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**Color**

**Hex(859C48)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 859C48                      |
| RGB         | 133, 156, 72                |
| RGB Percent | 52%, 61%, 28%               |
| CMY         | 0.4784, 0.3882, 0.7176      |
| CMYK        | 0.15, 0.00, 0.54, 0.39      |
| HSL         | 76°, 37%, 45%               |
| HSV         | 76°, 54%, 61%               |
| XYZ         | 22.7310, 29.2314, 10.5751   |
| YIQ         | 139.5470, 13.2560, -31.0000 |

# Conversions

## Conversions Part 2

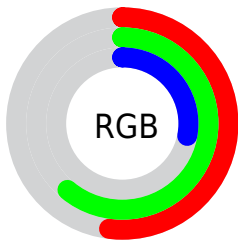
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 72, 156, 95                    |
| Decimal                             | 8756296                        |
| CIELab                              | 60.99, -21.47, 40.80           |
| CIELCh                              | 61, 46.107, 117.759            |
| Yxy                                 | 29.2314, 0.3635,<br>0.4674     |
| Android<br>(android.graphics.Color) | 4286946376<br>(0xFF859C48)     |
| YUV                                 | 139.5470, -33.3007,<br>-5.7417 |
| Hunter-Lab                          | 54.0660, -19.5686,<br>26.2494  |

# Details

The Hex color **859C48** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5F489C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BCD37B**, and **516916** is the 20% darker color. If you saturate the color by 10%, you get **819C38**, and if you desaturate by 10%, it is **899C58**.

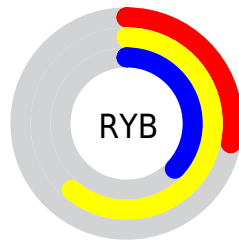
# Distribution



Red (52%)

Green (61%)

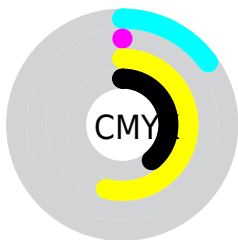
Blue (28%)



Red (28%)

Yellow (61%)

Blue (37%)

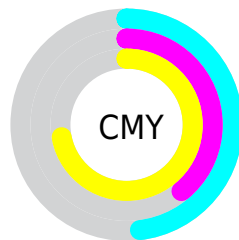


Cyan (15%)

Magenta (0%)

Yellow (54%)

Black (39%)



Cyan (48%)

Magenta (39%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859C48 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 859C48 by changing the saturation by 10% instead.





859C48



859C48

FFFFFF



6B822F



BCD37B



516916



D8EF95



385100



F5FFB1



213900



FFFFCD



042400



FFFFE9



000700



000000



859C48



859C48



819C38



899C58

 7C9C29

 8E9C67

 789C19

 929C77

 749C0A

 969C86

 719C00

 9A9C96

 9F9CA6

 A39CB5

 A79CC5

 AB9CD4

# Harmonies

## Analogous

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



AE903F



859C48



52A466

# Triad

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



859C48



00A2D7



DC7198

# Complementary

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



859C48



5F489C

# 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.



C37ABF



859C48



3E98E4

# Square

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



859C48



00A7B8



918ADB



DE746F

# Rectangle

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



859C48



11A781



918ADB



D673A6



# Sweetspot

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



859C48



C3CCAB



9C5E48



616653



E6E6E6



666666



# Same Dimension

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



859C48



A8CC47



5C9C48



4D4F47



688F00



0B0F00



# Inverse Universe

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



5F489C



6C47CC



88489C



49474F



27008F



04000F



# Previews

## White Background



This preview shows how the Hex color 859C48 looks on a white background.

## Color Contrast Check

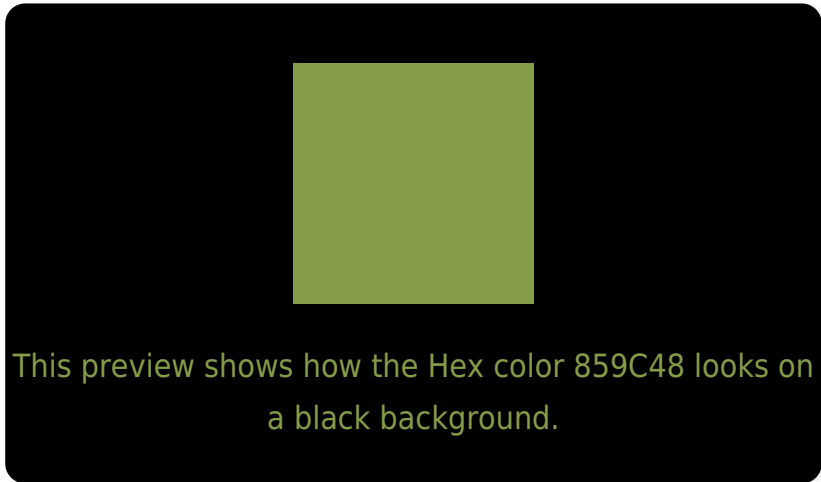
Large Text (above 18pt) WCAG AA ✓ Pass

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

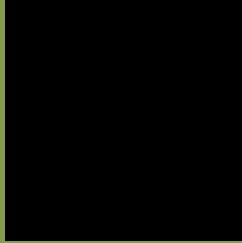
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 859C48 Background



This preview shows how black text looks on a background with the Hex color 859C48.

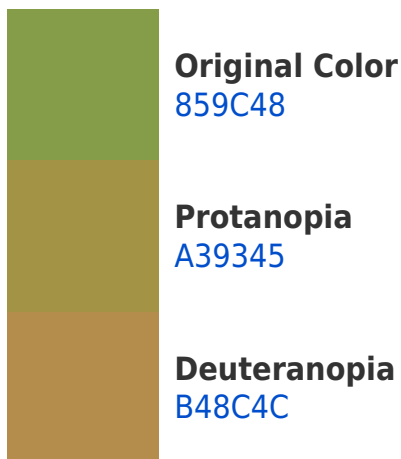


This preview shows how white text looks on a background with the Hex color 859C48.

# 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](#).

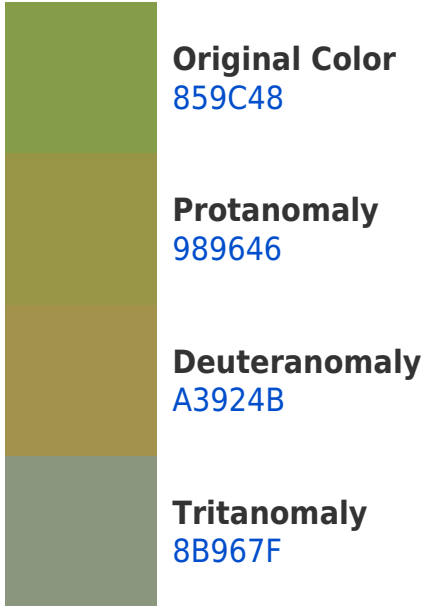
## Dichromacy





**Tritanopia**  
8F939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859C48 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 #859C48 looks like.

```
.text, #text, p{  
    color:#859C48  
}
```

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 #859C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859C48
}
```

## Border

The CSS property to change the border of an element to Hex 859C48 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
#859C48 }
```

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

```
.border{ border-color:#859C48 }
```

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

Here you see how a box with a 4 pixel #859C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859C48; -webkit-box-shadow:4px 4px  
4px 4px #859C48; box-shadow:4px 4px 4px  
4px #859C48 }
```

# Background

The CSS property to change the background color of an element to Hex 859C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859C48 }
```

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

```
.background{ background-color:#859C48 }
```

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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