

# Converting Colors

Hex(859A3A)

Have a look what the booklet for  
Hex(859A3A) contains.

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**Color**

**Hex(859A3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	859A3A
RGB	133, 154, 58
RGB Percent	52%, 60%, 23%
CMY	0.4784, 0.3961, 0.7725
CMYK	0.14, 0.00, 0.62, 0.40
HSL	73°, 45%, 42%
HSV	73°, 62%, 60%
XYZ	21.9922, 28.4032, 8.3262
YIQ	136.7770, 18.3000, -34.3080

# Conversions

## Conversions Part 2

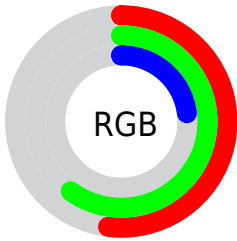
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 154, 79
Decimal	8755770
CIELab	60.25, -21.71, 46.58
CIELCh	60, 51.389, 114.991
Yxy	28.4032, 0.3745, 0.4837
Android (android.graphics.Color)	4286945850 (0xFF859A3A)
YUV	136.7770, -38.8371, -3.3124
Hunter-Lab	53.2947, -19.6072, 28.0434

# Details

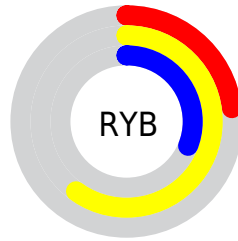
The Hex color **859A3A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4F3A9A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BCD06D**, and **506700** is the 20% darker color. If you saturate the color by 10%, you get **829A2B**, and if you desaturate by 10%, it is **889A49**.

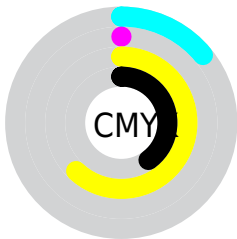
# Distribution



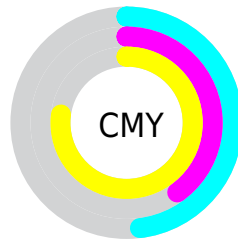
- Red (52%)
- Green (60%)
- Blue (23%)



- Red (23%)
- Yellow (60%)
- Blue (31%)



- Cyan (14%)
- Magenta (0%)
- Yellow (62%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859A3A 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 859A3A by changing the saturation by 10% instead.





859A3A



859A3A

FFFFFF



6A8020



BCD06D



506700



D9ED88



374F00



F6FFA3



1E3800



FFFFBF



002300



FFFFDB



000200



FFFFF8



000000



859A3A



859A3A



829A2B



889A49

 7E9A1B

 8C9A59

 7B9A0C

 8F9A68

 789A00

 929A78

 969A87

 999A96

 9D9AA6

 A09AB5

 A39AC5

# Harmonies

## Analogous

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



B18C32



859A3A



4CA35B

# Triad

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



859A3A



00A3DB



E06A9B

# Complementary

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



859A3A



4F3A9A

# 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.



C176C6



859A3A



0098EB

# Square

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



859A3A



00A7B6



8688E4



E46C6E

# Rectangle

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



859A3A



00A678



8688E4



D96CAA



# Sweetspot

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



859A3A



C1C9A3



9A4F3A



61664F



E6E6E6



666666



# Same Dimension

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



859A3A



A8C932



559A3A



4B4D45



6E8C00



0A0D00



# Inverse Universe

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



4F3A9A



5332C9



7F3A9A



47454D



1F008C



03000D



# Previews

## White Background



This preview shows how the Hex color 859A3A looks on a white background.

## Color Contrast Check

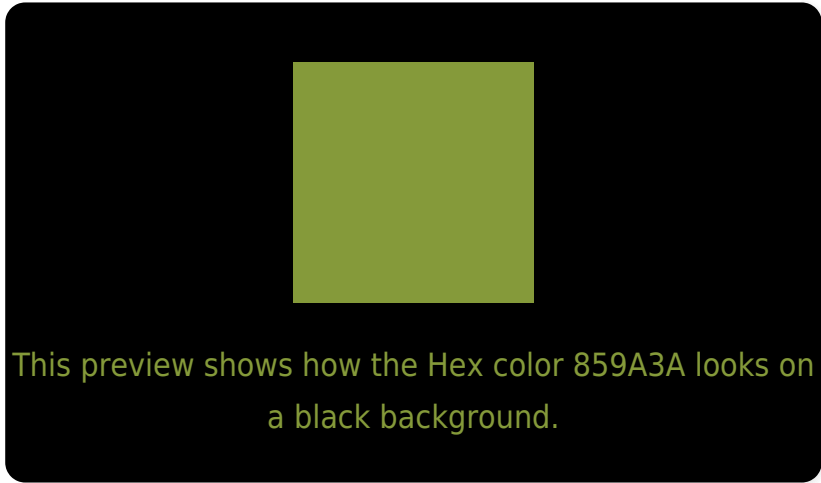
Large Text (above 18pt) WCAG AA ✓ Pass

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 859A3A Background



This preview shows how black text looks on a background with the Hex color 859A3A.



This preview shows how white text looks on a background with the Hex color 859A3A.

# 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**  
859A3A

**Protanopia**  
A29137

**Deuteranopia**  
B48A3F



**Tritanopia**  
90909C

# Trichromacy



**Original Color**  
859A3A

**Protanomaly**  
979438

**Deuteranomaly**  
A3903D

**Tritanomaly**  
8C9478

# Monochromacy



**Original Color**  
859A3A

**Achromatopsia**  
898989

**Achromatomaly**  
888F6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859A3A 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 #859A3A looks like.

```
.text, #text, p{  
    color:#859A3A  
}
```

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 #859A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859A3A
}
```

## Border

The CSS property to change the border of an element to Hex 859A3A 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
#859A3A }
```

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

```
.border{ border-color:#859A3A }
```

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

Here you see how a box with a 4 pixel #859A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859A3A; -webkit-box-shadow:4px 4px  
4px 4px #859A3A; box-shadow:4px 4px 4px  
4px #859A3A }
```

# Background

The CSS property to change the background color of an element to Hex 859A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859A3A }
```

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

```
.background{ background-color:#859A3A }
```

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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