

# Converting Colors

Hex(858D3A)

Have a look what the booklet for  
Hex(858D3A) contains.

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# Color

**Hex(858D3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	858D3A
RGB	133, 141, 58
RGB Percent	52%, 55%, 23%
CMY	0.4784, 0.4471, 0.7725
CMYK	0.06, 0.00, 0.59, 0.45
HSL	66°, 42%, 39%
HSV	66°, 59%, 55%
XYZ	19.9615, 24.3418, 7.6493
YIQ	129.1460, 21.8750, -27.5090

# Conversions

## Conversions Part 2

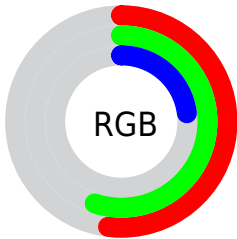
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 141, 66
Decimal	8752442
CIELab	56.43, -14.99, 42.35
CIELCh	56, 44.925, 109.488
Yxy	24.3418, 0.3842, 0.4685
Android (android.graphics.Color)	4286942522 (0xFF858D3A)
YUV	129.1460, -35.0750, 3.3800
Hunter-Lab	49.3374, -14.1210, 25.3438

# Details

The Hex color **858D3A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **423A8D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BCC36C**, and **515B04** is the 20% darker color. If you saturate the color by 10%, you get **848D2C**, and if you desaturate by 10%, it is **868D48**.

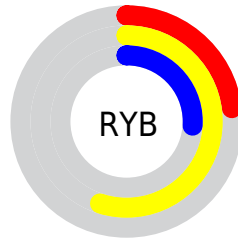
# Distribution



Red (52%)

Green (55%)

Blue (23%)



Red (23%)

Yellow (55%)

Blue (26%)

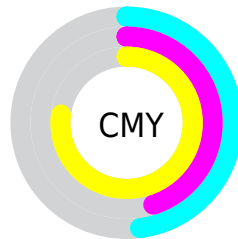


Cyan (6%)

Magenta (0%)

Yellow (59%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858D3A 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 858D3A by changing the saturation by 10% instead.





858D3A



858D3A

FFFFFF



6B7421



BCC36C



515B04



D8DE87



394400



F5FBA1



202D00



FFFFBD



001A00



FFFFD9



000000



FFFFF6



858D3A



858D3A



848D2C



868D48

■ 828D1E

■ 888D56

■ 818D10

■ 898D64

■ 808D02

■ 8A8D72

■ 7F8D00

■ 8C8D81

■ 8D8D8F

■ 8F8D9D

■ 908DAB

■ 918DB9

# Harmonies

## Analogous

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



AA8038



858D3A



579653

# Triad

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



858D3A



0098C2



C96797

# Complementary

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



858D3A



423A8D

# 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.



AA73BB



858D3A



0090D4

# Square

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



858D3A



009BA0



7382D1



D0676F

# Rectangle

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



858D3A



2A996B



7382D1



C16AA4



# Sweetspot

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



858D3A



B4B897



8D413A



5A5C48



DBDBDB



5C5C5C



# Same Dimension

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



858D3A



ABB835



5D8D3A



474740



7A8700



070800



# Inverse Universe

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



423A8D



4235B8



6A3A8D



414047



0D0087



010008



# Previews

## White Background



This preview shows how the Hex color 858D3A 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

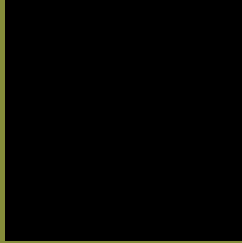
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 858D3A Background



This preview shows how black text looks on a background with the Hex color 858D3A.



This preview shows how white text looks on a background with the Hex color 858D3A.

# 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](#).

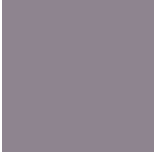
## Dichromacy



**Original Color**  
858D3A

**Protanopia**  
968738

**Deuteranopia**  
A7813E



**Tritanopia**  
8E848F

# Trichromacy



**Original Color**  
858D3A

**Protanomaly**  
908939

**Deuteranomaly**  
9B853D

**Tritanomaly**  
8B8770

# Monochromacy



**Original Color**  
858D3A

**Achromatopsia**  
818181

**Achromatomaly**  
828567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858D3A 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 #858D3A looks like.

```
.text, #text, p{  
    color:#858D3A  
}
```

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 #858D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858D3A
}
```

## Border

The CSS property to change the border of an element to Hex 858D3A 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
#858D3A }
```

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

```
.border{ border-color:#858D3A }
```

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

Here you see how a box with a 4 pixel #858D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858D3A; -webkit-box-shadow:4px 4px  
4px 4px #858D3A; box-shadow:4px 4px 4px  
4px #858D3A }
```

# Background

The CSS property to change the background color of an element to Hex 858D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858D3A }
```

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

```
.background{ background-color:#858D3A }
```

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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