

Converting Colors

Hex(858E47)

Have a look what the booklet for
Hex(858E47) contains.

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Color

Hex(858E47)

Conversions

Conversions Part 1

Format	Color
Hex	858E47
RGB	133, 142, 71
RGB Percent	52%, 56%, 28%
CMY	0.4784, 0.4431, 0.7216
CMYK	0.06, 0.00, 0.50, 0.44
HSL	68°, 33%, 42%
HSV	68°, 50%, 56%
XYZ	20.4832, 24.7875, 9.6661
YIQ	131.2150, 17.4270, -23.9890

Conversions

Conversions Part 2

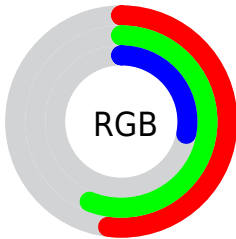
Format	Color
RYB	71, 142, 80
Decimal	8752711
CIELab	56.87, -14.31, 36.41
CIELCh	57, 39.127, 111.459
Yxy	24.7875, 0.3729, 0.4512
Android (android.graphics.Color)	4286942791 (0xFF858E47)
YUV	131.2150, -29.6860, 1.5654
Hunter-Lab	49.7870, -13.6895, 23.3398

Details

The Hex color **858E47** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **50478E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BBC479**, and **525C17** is the 20% darker color. If you saturate the color by 10%, you get **838E39**, and if you desaturate by 10%, it is **878E55**.

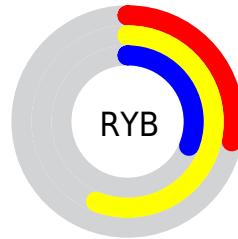
Distribution



Red (52%)

Green (56%)

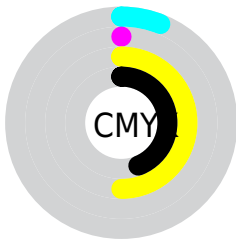
Blue (28%)



Red (28%)

Yellow (56%)

Blue (31%)

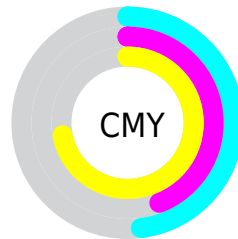


Cyan (6%)

Magenta (0%)

Yellow (50%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 858E47 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 858E47 by changing the saturation by 10% instead.



858E47



858E47

FFFFFF



6B742F



BBC479



525C17



D8E094



394400



F5FCAF



222E00



FFFCA



011B00



FFF7



000000



858E47



858E47



838E39



878E55



818E2B



898E63

■ 808E1C

■ 8A8E72

■ 7E8E0E

■ 8C8E80

■ 7C8E00

■ 8E8E8E

■ 908E9C

■ 928EAA

■ 938EB9

■ 958EC7

Harmonies

Analogous

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



A68344



858E47



5D965D

Triad

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



858E47



0097BD



C36D94

Complementary

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



858E47



50478E

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.



A976B3



858E47



388FCB

Square

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



858E47



009AA0



7C83C8



C96E71

Rectangle

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



858E47



3B9972



7C83C8



BD709F

Sweetspot

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



858E47



B4B89C



8E4F47



5A5C4B



DBDBDB



5C5C5C

Same Dimension

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



858E47



AAB849



628E47



464740



768700



070800

Inverse Universe

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



50478E



5749B8



73478E



414047



110087



010008

Previews

White Background



This preview shows how the Hex color 858E47 looks on a white background.

Color Contrast Check

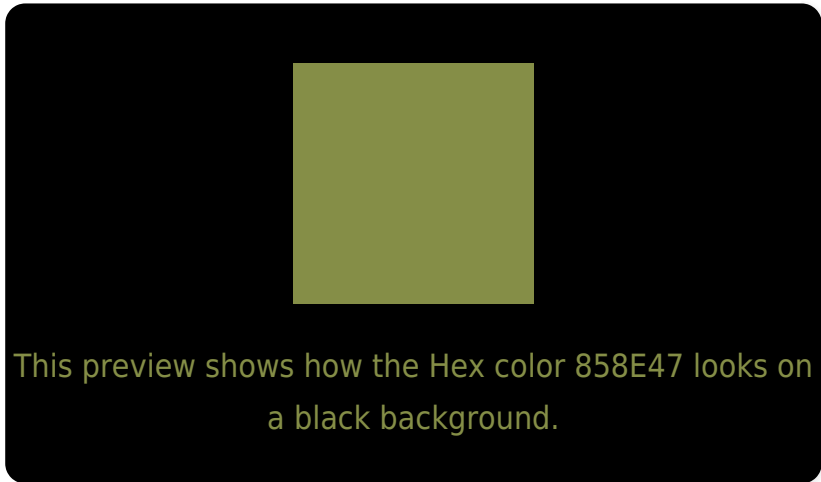
Large Text (above 18pt) WCAG AA ✓ Pass

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

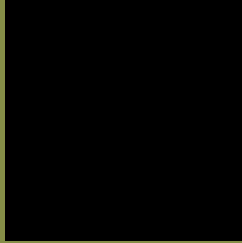
Any Text WCAG AA ✓ Pass

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 858E47 Background



This preview shows how black text looks on a background with the Hex color 858E47.



This preview shows how white text looks on a background with the Hex color 858E47.

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
858E47

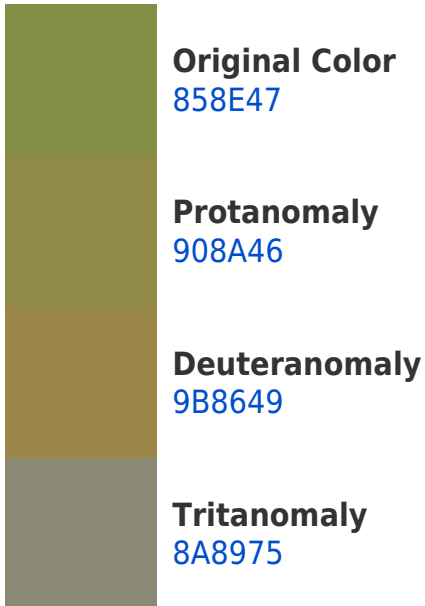
Protanopia
978845

Deuteranopia
A7824A

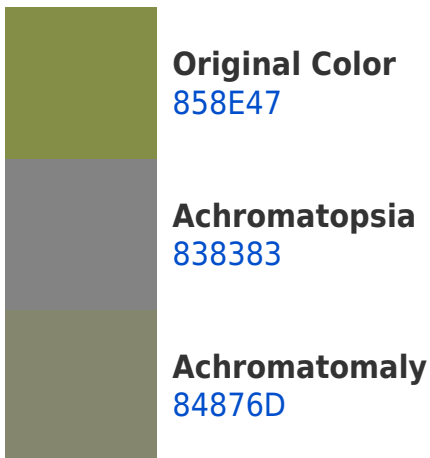


Tritanopia
8D8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 858E47 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 #858E47 looks like.

```
.text, #text, p{  
    color:#858E47  
}
```

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 #858E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858E47
}
```

Border

The CSS property to change the border of an element to Hex 858E47 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
#858E47 }
```

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

```
.border{ border-color:#858E47 }
```

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

Here you see how a box with a 4 pixel #858E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858E47; -webkit-box-shadow:4px 4px  
4px 4px #858E47; box-shadow:4px 4px 4px  
4px #858E47 }
```

Background

The CSS property to change the background color of an element to Hex 858E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858E47 }
```

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

```
.background{ background-color:#858E47 }
```

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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