

Converting Colors

Hex(838F48)

Have a look what the booklet for
Hex(838F48) contains.

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Color

Hex(838F48)

Conversions

Conversions Part 1

Format	Color
Hex	838F48
RGB	131, 143, 72
RGB Percent	51%, 56%, 28%
CMY	0.4863, 0.4392, 0.7176
CMYK	0.08, 0.00, 0.50, 0.44
HSL	70°, 33%, 42%
HSV	70°, 50%, 56%
XYZ	20.3522, 24.9381, 9.8717
YIQ	131.3180, 15.6390, -24.6250

Conversions

Conversions Part 2

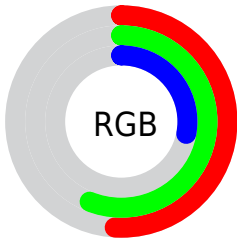
Format	Color
RYB	72, 143, 84
Decimal	8621896
CIELab	57.02, -15.59, 36.04
CIElCh	57, 39.267, 113.391
Yxy	24.9381, 0.3690, 0.4521
Android (android.graphics.Color)	4286811976 (0xFF838F48)
YUV	131.3180, -29.2438, -0.2789
Hunter-Lab	49.9381, -14.6440, 23.2362

Details

The Hex color **838F48** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54488F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B9C57A**, and **505D18** is the 20% darker color. If you saturate the color by 10%, you get **818F3A**, and if you desaturate by 10%, it is **858F56**.

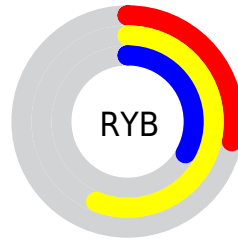
Distribution



Red (51%)

Green (56%)

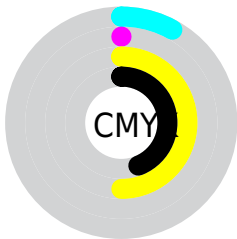
Blue (28%)



Red (28%)

Yellow (56%)

Blue (33%)

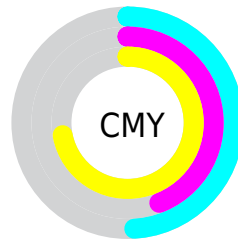


Cyan (8%)

Magenta (0%)

Yellow (50%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838F48 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 838F48 by changing the saturation by 10% instead.



838F48



838F48

FFFFFF



697530



B9C57A



505D18



D5E195



374500



F2FDB0



202F00



FFFFCB



001B00



FFFFE8



000000



838F48



838F48



818F3A



858F56



7E8F2B



888F65

 7C8F1D

 8A8F73

 798F0F

 8D8F81

 778F00

 8F8F90

 928F9E

 948FAC

 968FBA

 998FC9

Harmonies

Analogous

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



A58444



838F48



5A965F

Triad

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



838F48



0097BF



C56D92

Complementary

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



838F48



54488F

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.



AC76B2



838F48



3E8FCC

Square

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



838F48



009AA3



8083C8



CA6E6F

Rectangle

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



838F48



379974



8083C8



BF6F9D

Sweetspot

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



838F48



B5BA9E



8F5448



5B5E4D



DEDEDE



5E5E5E

Same Dimension

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



838F48



A7BA4A



608F48



464740



708700



060800

Inverse Universe

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



54488F



5D4ABA



77488F



414047



170087



010008

Previews

White Background



This preview shows how the Hex color 838F48 looks on a white background.

Color Contrast Check

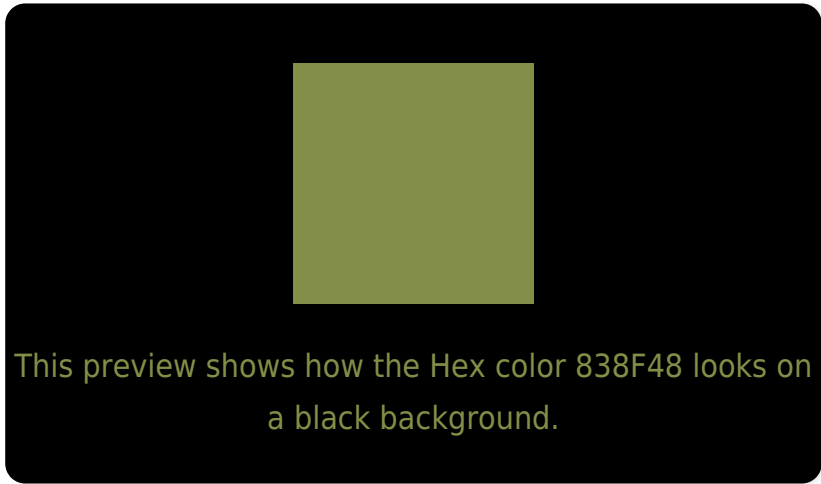
Large Text (above 18pt) WCAG AA ✓ Pass

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

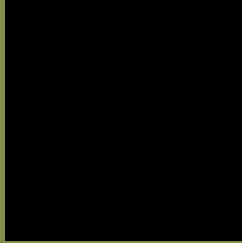
Any Text WCAG AA ✓ Pass

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 838F48 Background



This preview shows how black text looks on a background with the Hex color 838F48.



This preview shows how white text looks on a background with the Hex color 838F48.

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](#).

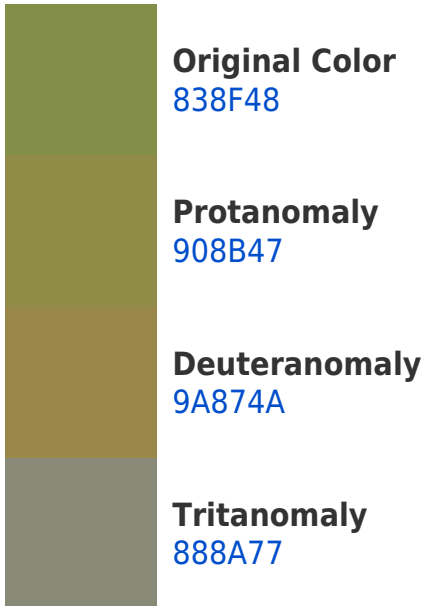
Dichromacy



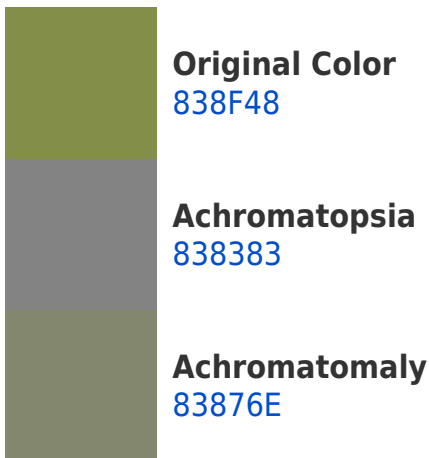


Tritanopia
8B8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 838F48 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 #838F48 looks like.

```
.text, #text, p{  
    color:#838F48  
}
```

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 #838F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838F48
}
```

Border

The CSS property to change the border of an element to Hex 838F48 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
#838F48 }
```

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

```
.border{ border-color:#838F48 }
```

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

Here you see how a box with a 4 pixel #838F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838F48; -webkit-box-shadow:4px 4px  
4px 4px #838F48; box-shadow:4px 4px 4px  
4px #838F48 }
```

Background

The CSS property to change the background color of an element to Hex 838F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838F48 }
```

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

```
.background{ background-color:#838F48 }
```

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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