

# Converting Colors

Hex(838A5A)

Have a look what the booklet for  
Hex(838A5A) contains.

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**Color**

**Hex(838A5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	838A5A
RGB	131, 138, 90
RGB Percent	51%, 54%, 35%
CMY	0.4863, 0.4588, 0.6471
CMYK	0.05, 0.00, 0.35, 0.46
HSL	69°, 21%, 45%
HSV	69°, 35%, 54%
XYZ	20.2940, 23.7404, 13.1856
YIQ	130.4350, 11.2360, -16.4120

# Conversions

## Conversions Part 2

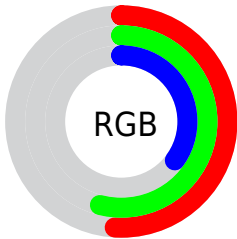
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 138, 97
Decimal	8620634
CIE Lab	55.83, -10.75, 24.89
CIE LCh	56, 27.115, 113.366
Yxy	23.7404, 0.3547, 0.4149
Android (android.graphics.Color)	4286810714 (0xFF838A5A)
YUV	130.4350, -19.9345, 0.4955
Hunter-Lab	48.7242, -10.9206, 18.0620

# Details

The Hex color **838A5A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **615A8A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B9BF8D**, and **51582B** is the 20% darker color. If you saturate the color by 10%, you get **818A4C**, and if you desaturate by 10%, it is **858A68**.

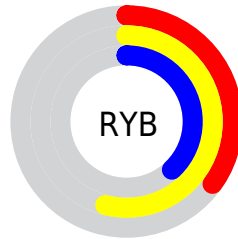
# Distribution



Red (51%)

Green (54%)

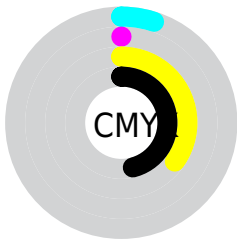
Blue (35%)



Red (35%)

Yellow (54%)

Blue (38%)

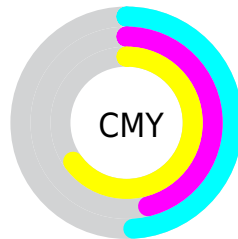


Cyan (5%)

Magenta (0%)

Yellow (35%)

Black (46%)



Cyan (49%)

Magenta (46%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838A5A 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 838A5A by changing the saturation by 10% instead.





838A5A



838A5A

FFFFFF



697142



B9BF8D



51582B



D5DBA7



394115



F1F8C3



232B00



FFFFDF



051700



FFFFFB



000000



838A5A



838A5A



818A4C



858A68



7F8A3E



878A76

 7D8A31

 898A83

 7B8A23

 8B8A91

 798A15

 8D8A9F

 778A07

 8F8AAD

 768A00

 918ABB

 938AC8

 958AD6

# Harmonies

## Analogous

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



9B8357



838A5A



688F69

# Triad

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



838A5A



3E8FAB



B0748C

# Complementary

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



838A5A



615A8A

# 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.



9F79A2



838A5A



5E8AB4

# Square

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



838A5A



379298



8282B1



B47574

# Rectangle

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



838A5A



559278



8282B1



AC7694



# Sweetspot

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



838A5A



B0B3A1



8A605A



58594F



D9D9D9



595959



# Same Dimension

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



838A5A



A8B368



6C8A5A



44453E



718500



040500



# Inverse Universe

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



615A8A



7268B3



785A8A



3F3E45



130085



010005



# Previews

## White Background



This preview shows how the Hex color 838A5A looks on a white background.

## Color Contrast Check

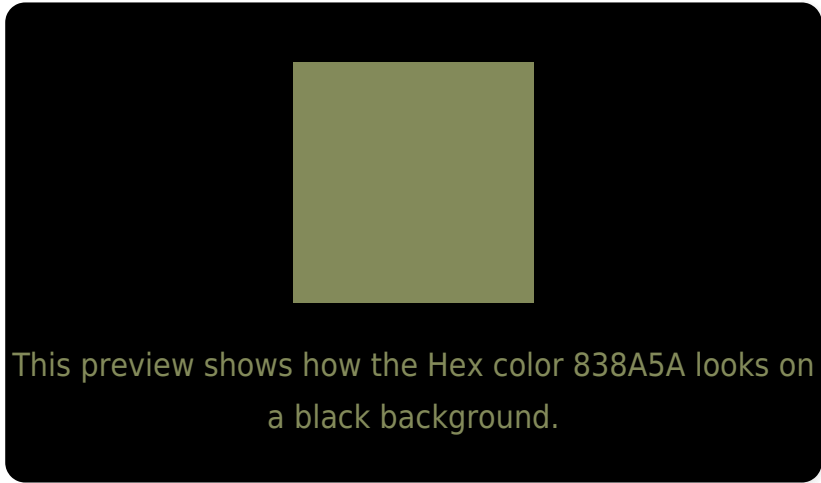
Large Text (above 18pt) WCAG AA ✓ Pass

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

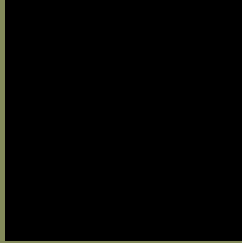
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

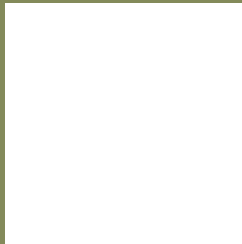
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 838A5A Background



This preview shows how black text looks on a background with the Hex color 838A5A.



This preview shows how white text looks on a background with the Hex color 838A5A.

# 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**  
838A5A

**Protanopia**  
918658

**Deuteranopia**  
A0805C



**Tritanopia**  
8A848E

# Trichromacy



**Original Color**  
838A5A

**Protanomaly**  
8C8759

**Deuteranomaly**  
95845B

**Tritanomaly**  
87867B

# Monochromacy



**Original Color**  
838A5A

**Achromatopsia**  
828282

**Achromatomaly**  
828573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838A5A 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 #838A5A looks like.

```
.text, #text, p{  
    color:#838A5A  
}
```

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 #838A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838A5A
}
```

## Border

The CSS property to change the border of an element to Hex 838A5A 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
#838A5A }
```

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

```
.border{ border-color:#838A5A }
```

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

Here you see how a box with a 4 pixel #838A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838A5A; -webkit-box-shadow:4px 4px  
4px 4px #838A5A; box-shadow:4px 4px 4px  
4px #838A5A }
```

# Background

The CSS property to change the background color of an element to Hex 838A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838A5A }
```

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

```
.background{ background-color:#838A5A }
```

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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