

# Converting Colors

Hex(8C8E4A)

Have a look what the booklet for  
Hex(8C8E4A) contains.

<b>Hex(8C8E4A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8C8E4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C8E4A
RGB	140, 142, 74
RGB Percent	55%, 56%, 29%
CMY	0.4510, 0.4431, 0.7098
CMYK	0.01, 0.00, 0.48, 0.44
HSL	62°, 31%, 42%
HSV	62°, 48%, 56%
XYZ	21.7242, 25.4159, 10.2393
YIQ	133.6500, 20.6360, -21.5720

# Conversions

## Conversions Part 2

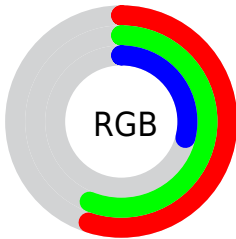
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 142, 76
Decimal	9211466
CIELab	57.48, -11.01, 35.74
CIELCh	57, 37.395, 107.123
Yxy	25.4159, 0.3786, 0.4429
Android (android.graphics.Color)	4287401546 (0xFF8C8E4A)
YUV	133.6500, -29.4075, 5.5689
Hunter-Lab	50.4141, -11.3063, 23.2479

# Details

The Hex color **8C8E4A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4C4A8E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C3C47C**, and **585C1A** is the 20% darker color. If you saturate the color by 10%, you get **8C8E3C**, and if you desaturate by 10%, it is **8C8E58**.

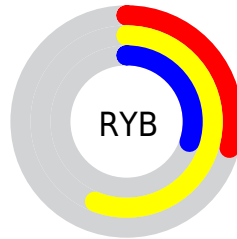
# Distribution



Red (55%)

Green (56%)

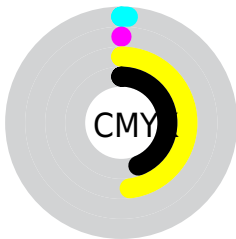
Blue (29%)



Red (29%)

Yellow (56%)

Blue (30%)

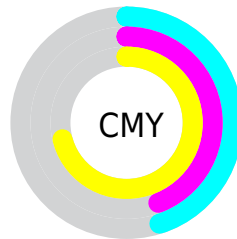


Cyan (1%)

Magenta (0%)

Yellow (48%)

Black (44%)



Cyan (45%)

Magenta (44%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8E4A 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 8C8E4A by changing the saturation by 10% instead.





8C8E4A



8C8E4A

FFFFFF



727432



C3C47C



585C1A



DFDF97



3F4501



FCFCB2



282E00



FFFFCD



0D1A00



FFFFEA



000000



8C8E4A



8C8E4A



8C8E3C



8C8E58



8B8E2E



8D8E66

 8B8E1F

 8D8E75

 8A8E11

 8E8E83

 8A8E03

 8E8E91

 8A8E00

 8F8E9F

 8F8EAD

 8F8EBC

 908ECA

# Harmonies

## Analogous

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



AB834A



8C8E4A



67965C

# Triad

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



8C8E4A



0098B9



C0719A

# Complementary

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



8C8E4A



4C4A8E

# 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.



A57BB7



8C8E4A



3691C9

# Square

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



8C8E4A



009B9C



7787C8



C97078

# Rectangle

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



8C8E4A



4A9970



7787C8



B974A4



# Sweetspot

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



8C8E4A



B7B89E



8E4B4A



5B5C4C



DBDBDB



5C5C5C



# Same Dimension

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



8C8E4A



B5B84F



6B8E4A



474740



838700



070800



# Inverse Universe

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



4C4A8E



524FB8



6D4A8E



404047



040087



000008



# Previews

## White Background



This preview shows how the Hex color 8C8E4A looks on a white background.

## Color Contrast Check

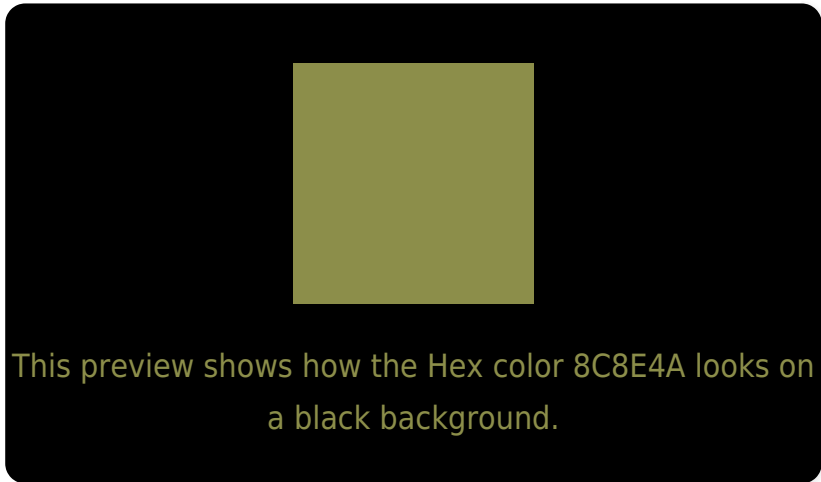
Large Text (above 18pt) WCAG AA ✓ Pass

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

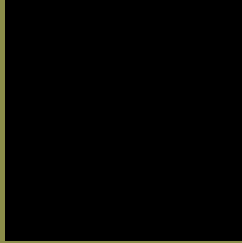
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C8E4A Background



This preview shows how black text looks on a background with the Hex color 8C8E4A.



This preview shows how white text looks on a background with the Hex color 8C8E4A.

# 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**  
8C8E4A

**Protanopia**  
988A49

**Deuteranopia**  
A8844D



**Tritanopia**  
948691

# Trichromacy



**Original Color**  
8C8E4A

**Protanomaly**  
948B49

**Deuteranomaly**  
9E884C

**Tritanomaly**  
918977

# Monochromacy



**Original Color**  
8C8E4A

**Achromatopsia**  
868686

**Achromatomaly**  
888970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8E4A 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 #8C8E4A looks like.

```
.text, #text, p{  
    color:#8C8E4A  
}
```

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 #8C8E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8E4A
}
```

## Border

The CSS property to change the border of an element to Hex 8C8E4A 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
#8C8E4A }
```

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

```
.border{ border-color:#8C8E4A }
```

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

Here you see how a box with a 4 pixel #8C8E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8E4A; -webkit-box-shadow:4px 4px  
4px 4px #8C8E4A; box-shadow:4px 4px 4px  
4px #8C8E4A }
```

# Background

The CSS property to change the background color of an element to Hex 8C8E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8E4A }
```

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

```
.background{ background-color:#8C8E4A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor