

# Converting Colors

Hex(8C8A2A)

Have a look what the booklet for  
Hex(8C8A2A) contains.

<b>Hex(8C8A2A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(8C8A2A)

# Conversions

## Conversions Part 1

Format	Color
Hex	8C8A2A
RGB	140, 138, 42
RGB Percent	55%, 54%, 16%
CMY	0.4510, 0.4588, 0.8353
CMYK	0.00, 0.01, 0.70, 0.45
HSL	59°, 54%, 36%
HSV	59°, 70%, 55%
XYZ	20.3216, 23.9196, 5.7364
YIQ	127.6540, 32.0080, -29.4320

# Conversions

## Conversions Part 2

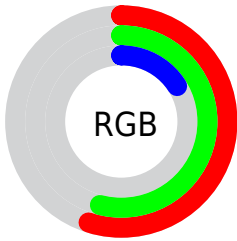
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 140, 42
Decimal	9210410
CIE <sub>Lab</sub>	56.01, -11.39, 49.17
CIE <sub>LCh</sub>	56, 50.477, 103.047
Yxy	23.9196, 0.4066, 0.4786
Android (android.graphics.Color)	4287400490 (0xFF8C8A2A)
YUV	127.6540, -42.2274, 10.8274
Hunter-Lab	48.9076, -11.4198, 27.2812

# Details

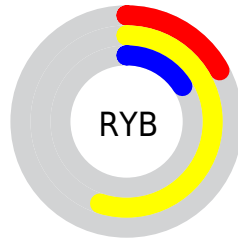
The Hex color **8C8A2A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2A2C8C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C4BF5E**, and **575800** is the 20% darker color. If you saturate the color by 10%, you get **8C8A1C**, and if you desaturate by 10%, it is **8C8A38**.

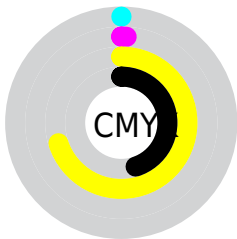
# Distribution



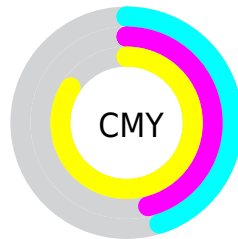
- Red (55%)
- Green (54%)
- Blue (16%)



- Red (17%)
- Yellow (55%)
- Blue (16%)



- Cyan (0%)
- Magenta (1%)
- Yellow (70%)
- Black (45%)



- Cyan (45%)
- Magenta (46%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8A2A 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 8C8A2A by changing the saturation by 10% instead.





8C8A2A



8C8A2A

FFFFFF



71710C



C4BF5E



575800



E1DB78



3D4100



FEF793



242B00



FFFFAE



041800



FFFFCA



000000



FFFFE7



8C8A2A



8C8A2A



8C8A1C



8C8A38

 8C890E

 8C8B46

 8C8900

 8C8B54

 8C8B62

 8C8B70

 8C8C7E

 8C8C8C

 8C8C9A

 8C8DA8

# Harmonies

## Analogous

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



B37B2F



8C8A2A



5B9443

# Triad

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



8C8A2A



0099C1



CA63A1

# Complementary

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



8C8A2A



2A2C8C

# 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.



A273C7



8C8A2A



0092DA

# Square

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



8C8A2A



009C99



5985DC



D75F75

# Rectangle

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



8C8A2A



29995D



5985DC



BF67AF



# Sweetspot

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



8C8A2A



B5B48F



8C2A2D



5C5B45



DBDBDB



5C5C5C



# Same Dimension

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



8C8A2A



B5B21D



5E8C2A



45453E



858200



050500



# Inverse Universe

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



2A2C8C



1D20B5



582A8C



3E3E45



000385



000005



# Previews

## White Background



This preview shows how the Hex color 8C8A2A looks on a white background.

## Color Contrast Check

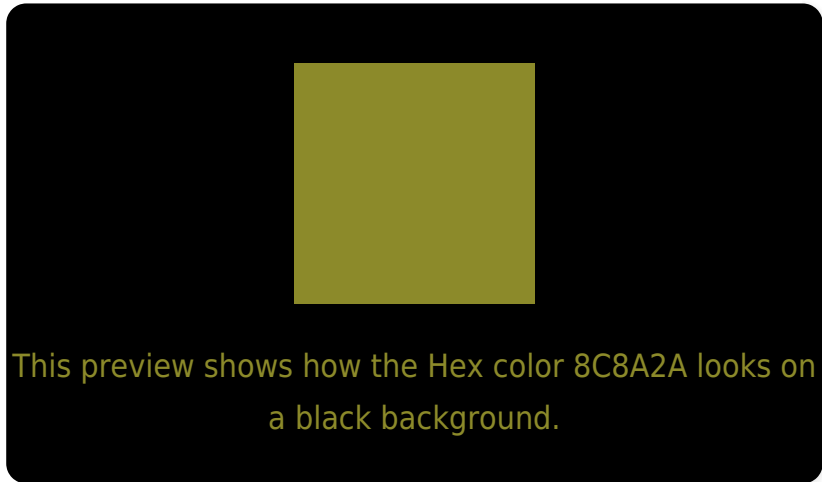
Large Text (above 18pt) WCAG AA ✓ Pass

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

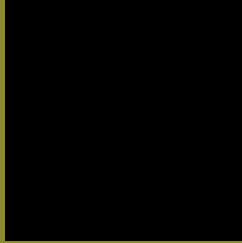
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C8A2A Background



This preview shows how black text looks on a background with the Hex color 8C8A2A.



This preview shows how white text looks on a background with the Hex color 8C8A2A.

# 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**  
8C8A2A

**Protanopia**  
968629

**Deuteranopia**  
A87F2E



**Tritanopia**  
94818B

# Trichromacy



**Original Color**  
8C8A2A

**Protanomaly**  
928729

**Deuteranomaly**  
9E832D

**Tritanomaly**  
918468

# Monochromacy



**Original Color**  
8C8A2A

**Achromatopsia**  
808080

**Achromatomaly**  
848461

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8A2A 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 #8C8A2A looks like.

```
.text, #text, p{  
    color:#8C8A2A  
}
```

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 #8C8A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8A2A
}
```

## Border

The CSS property to change the border of an element to Hex 8C8A2A 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
#8C8A2A }
```

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

```
.border{ border-color:#8C8A2A }
```

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

Here you see how a box with a 4 pixel #8C8A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8A2A; -webkit-box-shadow:4px 4px  
4px 4px #8C8A2A; box-shadow:4px 4px 4px  
4px #8C8A2A }
```

# Background

The CSS property to change the background color of an element to Hex 8C8A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8A2A }
```

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

```
.background{ background-color:#8C8A2A }
```

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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