

Converting Colors

Hex(8C8E1E)

Have a look what the booklet for
Hex(8C8E1E) contains.

Hex(8C8E1E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8C8E1E)

Conversions

Conversions Part 1

Format	Color
Hex	8C8E1E
RGB	140, 142, 30
RGB Percent	55%, 56%, 12%
CMY	0.4510, 0.4431, 0.8824
CMYK	0.01, 0.00, 0.79, 0.44
HSL	61°, 65%, 34%
HSV	61°, 79%, 56%
XYZ	20.7226, 25.0152, 4.9645
YIQ	128.6340, 34.7600, -35.2560

Conversions

Conversions Part 2

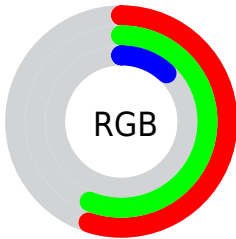
Format	Color
RYB	30, 142, 32
Decimal	9211422
CIELab	57.09, -14.11, 54.57
CIELCh	57, 56.362, 104.498
Yxy	25.0152, 0.4087, 0.4934
Android (android.graphics.Color)	4287401502 (0xFF8C8E1E)
YUV	128.6340, -48.6266, 9.9680
Hunter-Lab	50.0152, -13.5695, 29.1255

Details

The Hex color **8C8E1E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **201E8E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C4C355**, and **565C00** is the 20% darker color. If you saturate the color by 10%, you get **8C8E10**, and if you desaturate by 10%, it is **8C8E2C**.

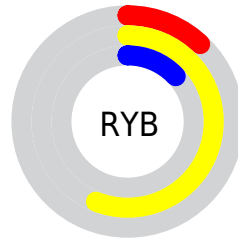
Distribution



Red (55%)

Green (56%)

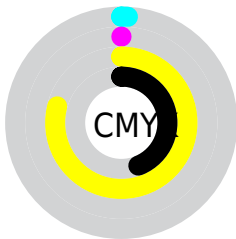
Blue (12%)



Red (12%)

Yellow (56%)

Blue (13%)

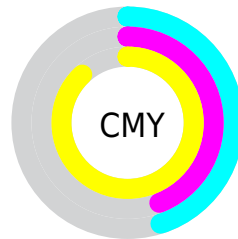


Cyan (1%)

Magenta (0%)

Yellow (79%)

Black (44%)



Cyan (45%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C8E1E 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 8C8E1E by changing the saturation by 10% instead.

8C8E1E

8C8E1E

FFFFFF

717500

C4C355

565C00

E1DF6F

3C4500

FFFC8A

232F00

FFFFA5

031B00

FFFFC1

000000

FFFFDE

FFFFFB

8C8E1E

8C8E1E

■ 8C8E10

■ 8C8E2C

■ 8B8E02

■ 8D8E3A

■ 8B8E00

■ 8D8E49

■ 8D8E57

■ 8D8E65

■ 8E8E73

■ 8E8E81

■ 8E8E90

■ 8E8E9E

Harmonies

Analogous

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



B87D24



8C8E1E



54993E

Triad

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



8C8E1E



009ECD



D55FA5

Complementary

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



8C8E1E



201E8E

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.



AA72D0



8C8E1E



0096E8

Square

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



8C8E1E



00A1A0



5786E9



E35B73

Rectangle

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



8C8E1E



009D5D



5786E9



CA64B4

Sweetspot

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



8C8E1E



B7B88C



8E201E



5B5C41



DBDBDB



5C5C5C

Same Dimension

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



8C8E1E



B4B809



548E1E



474740



858700



080800

Inverse Universe

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



201E8E



0C09B8



581E8E



404047



020087



000008

Previews

White Background



This preview shows how the Hex color 8C8E1E looks on a white background.

Color Contrast Check

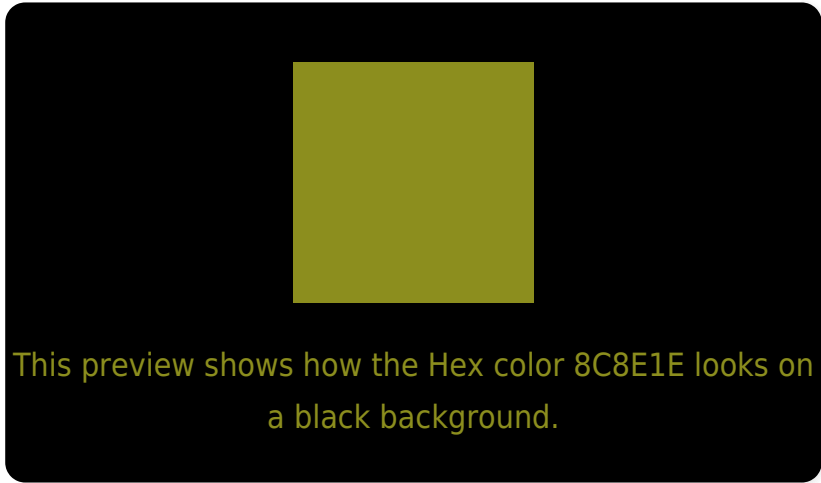
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C8E1E Background



This preview shows how black text looks on a background with the Hex color 8C8E1E.



This preview shows how white text looks on a background with the Hex color 8C8E1E.

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
8C8E1E

Protanopia
9A891D

Deuteranopia
AC8224



Tritanopia
95848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C8E1E 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 #8C8E1E looks like.

```
.text, #text, p{  
    color:#8C8E1E  
}
```

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 #8C8E1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8E1E
}
```

Border

The CSS property to change the border of an element to Hex 8C8E1E 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
#8C8E1E }
```

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

```
.border{ border-color:#8C8E1E }
```

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

Here you see how a box with a 4 pixel #8C8E1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8E1E; -webkit-box-shadow:4px 4px  
4px 4px #8C8E1E; box-shadow:4px 4px 4px  
4px #8C8E1E }
```

Background

The CSS property to change the background color of an element to Hex 8C8E1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8E1E }
```

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

```
.background{ background-color:#8C8E1E }
```

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