

# Converting Colors

Hex(8C8E01)

Have a look what the booklet for  
Hex(8C8E01) contains.

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**Color**

**Hex(8C8E01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C8E01
RGB	140, 142, 1
RGB Percent	55%, 56%, 0%
CMY	0.4510, 0.4431, 0.9961
CMYK	0.01, 0.00, 0.99, 0.44
HSL	61°, 99%, 28%
HSV	61°, 99%, 56%
XYZ	20.4937, 24.9236, 3.7593
YIQ	125.3280, 44.0690, -44.2750

# Conversions

## Conversions Part 2

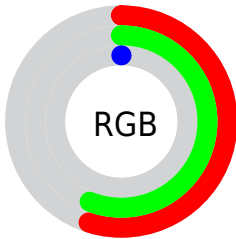
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 142, 3
Decimal	9211393
CIE Lab	57.00, -14.84, 60.74
CIE LCh	57, 62.525, 103.727
Yxy	24.9236, 0.4167, 0.5068
Android (android.graphics.Color)	4287401473 (0xFF8C8E01)
YUV	125.3280, -61.2937, 12.8673
Hunter-Lab	49.9236, -14.0918, 30.4819

# Details

The Hex color **8C8E01** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **03018E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C5C346**, and **565C00** is the 20% darker color. If you saturate the color by 10%, you get **8C8E00**, and if you desaturate by 10%, it is **8C8E0F**.

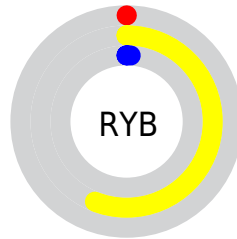
# Distribution



Red (55%)

Green (56%)

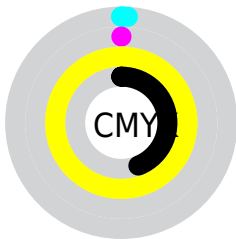
Blue (0%)



Red (0%)

Yellow (56%)

Blue (1%)

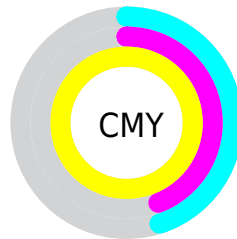


Cyan (1%)

Magenta (0%)

Yellow (99%)

Black (44%)



Cyan (45%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8E01 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 8C8E01 by changing the saturation by 10% instead.



 8C8E01

 8C8E01

FFFFFF

 707500

 C5C346

 565C00

 E2DF61

 3B4500

 FFFC7C

 212F00

 FFFF98

 011B00

 FFFFB4

 000000

 FFFF00

 FFFFED

 8C8E01

 8C8E01

■ 8C8E00

■ 8C8E0F

■ 8C8E1D

■ 8D8E2C

■ 8D8E3A

■ 8D8E48

■ 8D8E56

■ 8D8E64

■ 8E8E73

■ 8E8E81

# Harmonies

## Analogous

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



BC7B11



8C8E01



4D9A33

# Triad

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



8C8E01



00A0D3



DC58A9

# Complementary

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



8C8E01



03018E

# 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.



AB6FD8



8C8E01



0097F2

# Square

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



8C8E01



00A2A1



4487F3



EB5372

# Rectangle

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



8C8E01



009F56



4487F3



CF5EBA



# Sweetspot

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



8C8E01



B7B881



8E0101



5B5C3B



DBDBDB



5C5C5C



# Same Dimension

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



8C8E01



B5B800



488E01



474740



858700



080800



# Inverse Universe

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



03018E



0300B8



48018E



404047



020087



000008



# Previews

## White Background



This preview shows how the Hex color 8C8E01 looks on a white background.

## Color Contrast Check

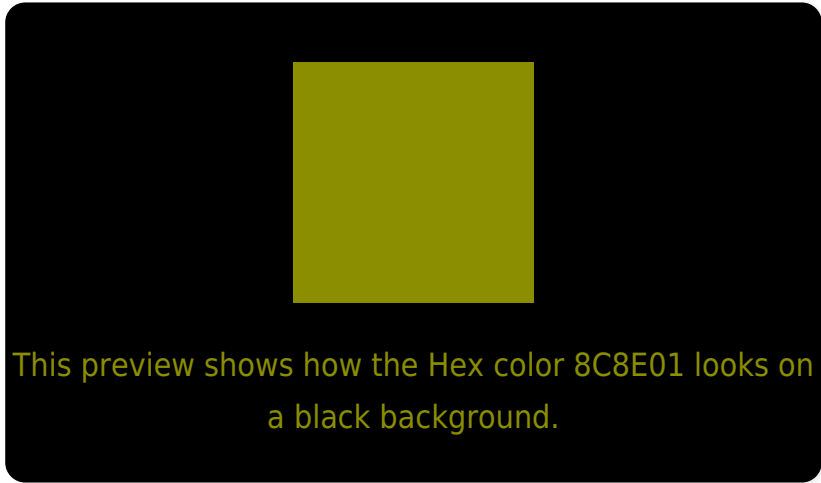
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C8E01 Background



This preview shows how black text looks on a background with the Hex color 8C8E01.



This preview shows how white text looks on a background with the Hex color 8C8E01.

# 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**  
8C8E01

**Protanopia**  
9A8900

**Deuteranopia**  
AD8216



**Tritanopia**  
96848E

# Trichromacy



**Original Color**  
8C8E01

**Protanomaly**  
958B00

**Deuteranomaly**  
A1860E

**Tritanomaly**  
92885B

# Monochromacy



**Original Color**  
8C8E01

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
828350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8E01 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 #8C8E01 looks like.

```
.text, #text, p{  
    color:#8C8E01  
}
```

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 #8C8E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8E01  
}
```

## Border

The CSS property to change the border of an element to Hex 8C8E01 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  
#8C8E01 }
```

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

```
.border{ border-color:#8C8E01 }
```

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

Here you see how a box with a 4 pixel #8C8E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8E01; -webkit-box-shadow:4px 4px  
4px 4px #8C8E01; box-shadow:4px 4px 4px  
4px #8C8E01 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8E01 }
```

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

```
.background{ background-color:#8C8E01 }
```

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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