

# Converting Colors

Hex(8C8F00)

Have a look what the booklet for  
Hex(8C8F00) contains.

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**Color**

**Hex(8C8F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C8F00
RGB	140, 143, 0
RGB Percent	55%, 56%, 0%
CMY	0.4510, 0.4392, 1.0000
CMYK	0.02, 0.00, 1.00, 0.44
HSL	61°, 100%, 28%
HSV	61°, 100%, 56%
XYZ	20.6377, 25.2204, 3.7803
YIQ	125.8010, 44.1150, -45.1090

# Conversions

## Conversions Part 2

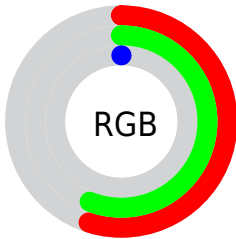
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 143, 3
Decimal	9211648
CIELab	57.29, -15.38, 61.12
CIElCh	57, 63.021, 104.126
Yxy	25.2204, 0.4158, 0.5081
Android (android.graphics.Color)	4287401728 (0xFF8C8F00)
YUV	125.8010, -62.0199, 12.4525
Hunter-Lab	50.2199, -14.5309, 30.6909

# Details

The Hex color **8C8F00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **03008F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C5C546**, and **565D00** is the 20% darker color. If you saturate the color by 10%, you get **8C8F00**, and if you desaturate by 10%, it is **8C8F0E**.

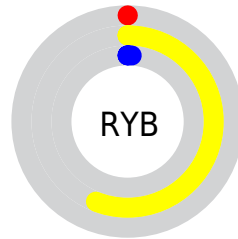
# Distribution



Red (55%)

Green (56%)

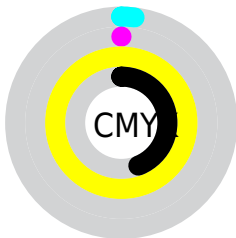
Blue (0%)



Red (0%)

Yellow (56%)

Blue (1%)

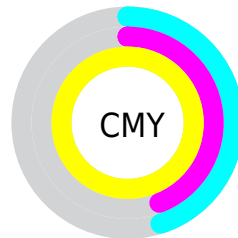


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (45%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8F00 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 8C8F00 by changing the saturation by 10% instead.





8C8F00



8C8F00

FFFFFF



707600



C5C546



565D00



E2E061



3B4600



FFFD7C



212F00



FFFF98



011C00



FFFFB4



000000



FFFFD0



FFFFED



8C8F00

 8C8F0E

 8D8F1D

 8D8F2B

 8D8F39

 8E8F48

 8E8F56

 8E8F64

 8E8F72

 8F8F81

# Harmonies

## Analogous

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



BC7C10



8C8F00



4C9B34

# Triad

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



8C8F00



00A1D5



DD58A9

# Complementary

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



8C8F00



03008F

# 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.



AD6FD9



8C8F00



0098F3

# Square

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



8C8F00



00A3A3



4687F5



EC5372

# Rectangle

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



8C8F00



00A057



4687F5



D15EBB



# Sweetspot

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



8C8F00



B9BA82



8F0200



5E5E3C



DEDEDE



5E5E5E



# Same Dimension

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



8C8F00



B6BA00



458F00



474740



848700



070800



# Inverse Universe

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



03008F



0400BA



4A008F



404047



030087



000008



# Previews

## White Background



This preview shows how the Hex color 8C8F00 looks on a white background.

## Color Contrast Check

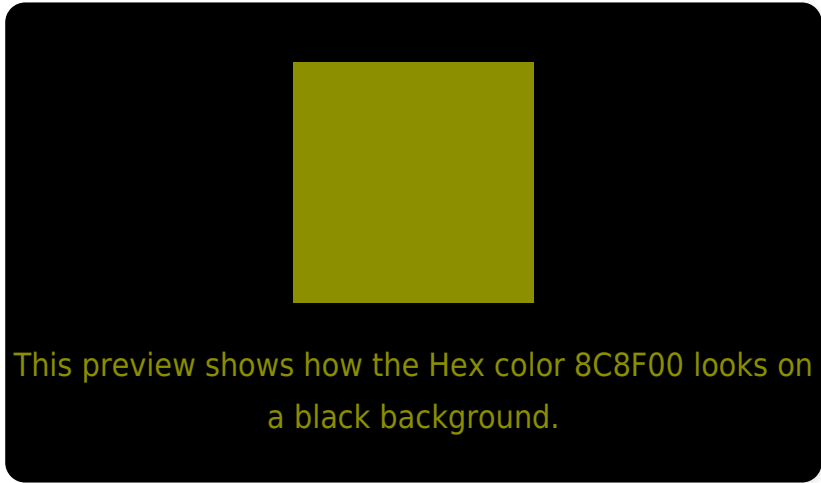
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C8F00 Background



This preview shows how black text looks on a background with the Hex color 8C8F00.



This preview shows how white text looks on a background with the Hex color 8C8F00.

# 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**  
8C8F00

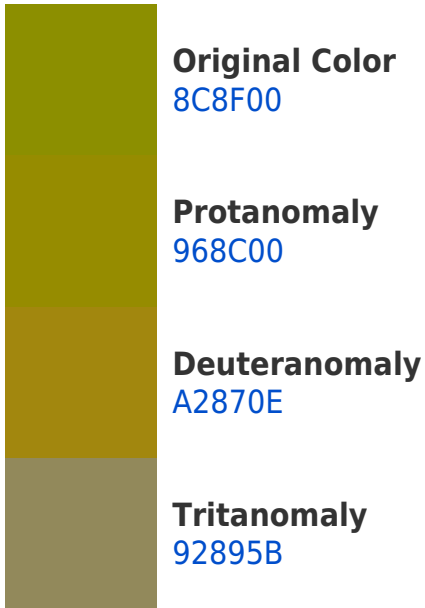
**Protanopia**  
9B8A00

**Deuteranopia**  
AE8216



**Tritanopia**  
96858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8F00 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 #8C8F00 looks like.

```
.text, #text, p{  
    color:#8C8F00  
}
```

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 #8C8F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8F00
}
```

## Border

The CSS property to change the border of an element to Hex 8C8F00 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
#8C8F00 }
```

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

```
.border{ border-color:#8C8F00 }
```

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

Here you see how a box with a 4 pixel #8C8F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8F00; -webkit-box-shadow:4px 4px  
4px 4px #8C8F00; box-shadow:4px 4px 4px  
4px #8C8F00 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8F00 }
```

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

```
.background{ background-color:#8C8F00 }
```

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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