

# Converting Colors

Hex(828C1C)

Have a look what the booklet for  
Hex(828C1C) contains.

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**Color**

**Hex(828C1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	828C1C
RGB	130, 140, 28
RGB Percent	51%, 55%, 11%
CMY	0.4902, 0.4510, 0.8902
CMYK	0.07, 0.00, 0.80, 0.45
HSL	65°, 67%, 33%
HSV	65°, 80%, 55%
XYZ	18.7936, 23.5858, 4.6606
YIQ	124.2420, 29.9920, -36.9520

# Conversions

## Conversions Part 2

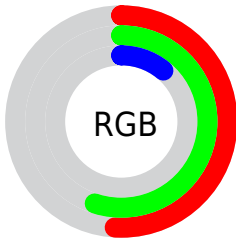
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 140, 38
Decimal	8555548
CIE Lab	55.67, -17.63, 53.61
CIE LCh	56, 56.435, 108.208
Yxy	23.5858, 0.3995, 0.5014
Android (android.graphics.Color)	4286745628 (0xFF828C1C)
YUV	124.2420, -47.4473, 5.0498
Hunter-Lab	48.5652, -15.9139, 28.3059

# Details

The Hex color **828C1C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **261C8C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BAC153**, and **4D5A00** is the 20% darker color. If you saturate the color by 10%, you get **818C0E**, and if you desaturate by 10%, it is **838C2A**.

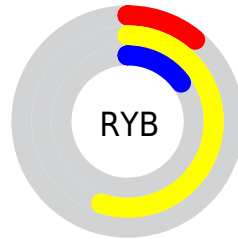
# Distribution



Red (51%)

Green (55%)

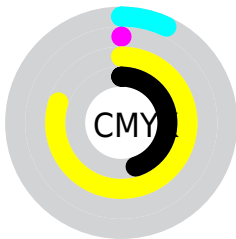
Blue (11%)



Red (11%)

Yellow (55%)

Blue (15%)

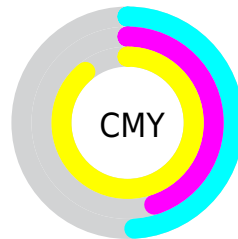


Cyan (7%)

Magenta (0%)

Yellow (80%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828C1C 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 828C1C by changing the saturation by 10% instead.





828C1C



828C1C

FFFFFF



677300



BAC153



4D5A00



D7DD6D



334300



F4FA88



1A2D00



FFFFA3



001A00



FFFFBF



000000



FFFFDC



FFFFF9



828C1C



828C1C

■ 818C0E

■ 838C2A

■ 808C00

■ 858C38

■ 868C46

■ 878C54

■ 888C62

■ 8A8C70

■ 8B8C7E

■ 8C8C8C

■ 8D8C9A

# Harmonies

## Analogous

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



AF7C1C



828C1C



479640

# Triad

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



828C1C



009ACE



D4599B

# Complementary

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



828C1C



261C8C

# 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.



AD6BC7



828C1C



0090E5

# Square

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



828C1C



009DA3



6080E3



DE586A

# Rectangle

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



828C1C



009A5F



6080E3



CB5EAB



# Sweetspot

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



828C1C



B1B58A



8C251C



595C41



DBDBDB



5C5C5C



# Same Dimension

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



828C1C



A6B507



4B8C1C



44453E



798500



050500



# Inverse Universe

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



261C8C



1707B5



5D1C8C



3F3E45



0C0085



000005



# Previews

## White Background



This preview shows how the Hex color 828C1C looks on a white background.

## Color Contrast Check

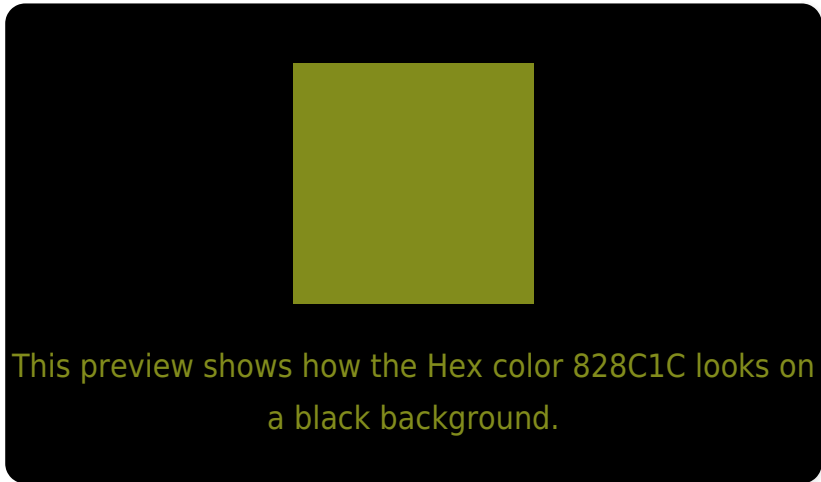
Large Text (above 18pt) WCAG AA ✓ Pass

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 828C1C Background



This preview shows how black text looks on a background with the Hex color 828C1C.



This preview shows how white text looks on a background with the Hex color 828C1C.

# 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](#).

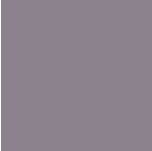
## Dichromacy



**Original Color**  
828C1C

**Protanopia**  
96861A

**Deuteranopia**  
A77E23



**Tritanopia**  
8C828D

# Trichromacy



**Original Color**  
828C1C

**Protanomaly**  
8F881B

**Deuteranomaly**  
9A8320

**Tritanomaly**  
888664

# Monochromacy



**Original Color**  
828C1C

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7E8259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828C1C 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 #828C1C looks like.

```
.text, #text, p{  
    color:#828C1C  
}
```

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 #828C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828C1C
}
```

## Border

The CSS property to change the border of an element to Hex 828C1C 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
#828C1C }
```

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

```
.border{ border-color:#828C1C }
```

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

Here you see how a box with a 4 pixel #828C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828C1C; -webkit-box-shadow:4px 4px  
4px 4px #828C1C; box-shadow:4px 4px 4px  
4px #828C1C }
```

# Background

The CSS property to change the background color of an element to Hex 828C1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828C1C }
```

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

```
.background{ background-color:#828C1C }
```

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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