

# Converting Colors

Hex(828E1D)

Have a look what the booklet for  
Hex(828E1D) contains.

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**Color**

**Hex(828E1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	828E1D
RGB	130, 142, 29
RGB Percent	51%, 56%, 11%
CMY	0.4902, 0.4431, 0.8863
CMYK	0.08, 0.00, 0.80, 0.44
HSL	66°, 66%, 34%
HSV	66°, 80%, 56%
XYZ	19.1007, 24.1805, 4.8230
YIQ	125.5300, 29.1210, -37.6870

# Conversions

## Conversions Part 2

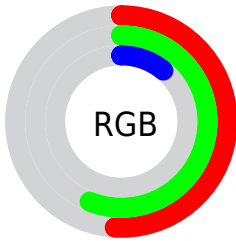
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 142, 41
Decimal	8556061
CIE <sub>Lab</sub>	56.27, -18.63, 53.84
CIE <sub>LCh</sub>	56, 56.968, 109.090
Yxy	24.1805, 0.3971, 0.5027
Android (android.graphics.Color)	4286746141 (0xFF828E1D)
YUV	125.5300, -47.5893, 3.9202
Hunter-Lab	49.1737, -16.7187, 28.6064

# Details

The Hex color **828E1D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **291D8E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BAC454**, and **4D5C00** is the 20% darker color. If you saturate the color by 10%, you get **808E0F**, and if you desaturate by 10%, it is **848E2B**.

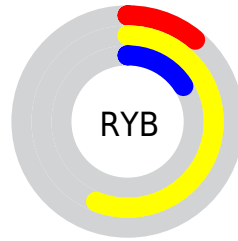
# Distribution



Red (51%)

Green (56%)

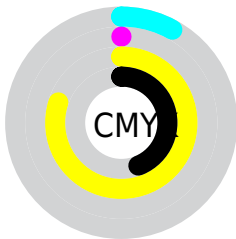
Blue (11%)



Red (11%)

Yellow (56%)

Blue (16%)

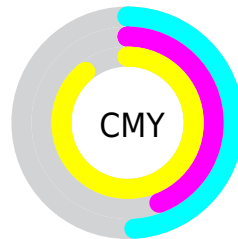


Cyan (8%)

Magenta (0%)

Yellow (80%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828E1D 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 828E1D by changing the saturation by 10% instead.



 828E1D

 828E1D

FFFFFF

 677400

 BAC454

 4D5C00

 D7DF6E

 334400

 F4FC89

 192E00

 FFFFA4

 001B00

 FFFFC0

 000000

 FFFFDD

 FFFFFA

 828E1D

 828E1D

■ 808E0F

■ 848E2B

■ 7F8E01

■ 858E39

■ 7F8E00

■ 878E48

■ 888E56

■ 8A8E64

■ 8B8E72

■ 8D8E80

■ 8E8E8F

■ 908E9D

# Harmonies

## Analogous

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



AF7E1C



828E1D



459842

# Triad

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



828E1D



009BD1



D75A9B

# Complementary

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



828E1D



291D8E

# 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.



B16CC8



828E1D



0092E8

# Square

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



828E1D



009EA6



6581E5



E05969

# Rectangle

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



828E1D



009C62



6581E5



CE5FAB



# Sweetspot

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



828E1D



B3B88C



8E281D



595C41



DBDBDB



5C5C5C



# Same Dimension

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



828E1D



A5B809



4A8E1D



474740



798700



070800



# Inverse Universe

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



291D8E



1C09B8



611D8E



414047



0E0087



010008



# Previews

## White Background



This preview shows how the Hex color 828E1D 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

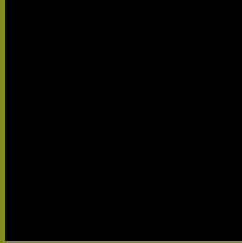
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 828E1D Background



This preview shows how black text looks on a background with the Hex color 828E1D.



This preview shows how white text looks on a background with the Hex color 828E1D.

# 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**  
828E1D

**Protanopia**  
98871B

**Deuteranopia**  
A98024



**Tritanopia**  
8C848F

# Trichromacy



**Original Color**  
828E1D

**Protanomaly**  
908A1C

**Deuteranomaly**  
9B8521

**Tritanomaly**  
888866

# Monochromacy



**Original Color**  
828E1D

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7F845B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828E1D 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 #828E1D looks like.

```
.text, #text, p{  
    color:#828E1D  
}
```

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 #828E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828E1D  
}
```

## Border

The CSS property to change the border of an element to Hex 828E1D 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  
#828E1D }
```

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

```
.border{ border-color:#828E1D }
```

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

Here you see how a box with a 4 pixel #828E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828E1D; -webkit-box-shadow:4px 4px  
4px 4px #828E1D; box-shadow:4px 4px 4px  
4px #828E1D }
```

# Background

The CSS property to change the background color of an element to Hex 828E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828E1D }
```

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

```
.background{ background-color:#828E1D }
```

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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