

# Converting Colors

Hex(8A912F)

Have a look what the booklet for  
Hex(8A912F) contains.

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**Color**

**Hex(8A912F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A912F
RGB	138, 145, 47
RGB Percent	54%, 57%, 18%
CMY	0.4588, 0.4314, 0.8157
CMYK	0.05, 0.00, 0.68, 0.43
HSL	64°, 51%, 38%
HSV	64°, 68%, 57%
XYZ	21.1197, 25.8593, 6.5675
YIQ	131.7350, 27.2860, -31.9620

# Conversions

## Conversions Part 2

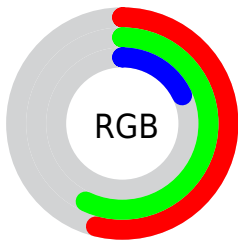
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 145, 54
Decimal	9081135
CIELab	57.90, -15.70, 48.98
CIELCh	58, 51.440, 107.775
Yxy	25.8593, 0.3944, 0.4829
Android (android.graphics.Color)	4287271215 (0xFF8A912F)
YUV	131.7350, -41.7744, 5.4944
Hunter-Lab	50.8520, -14.8570, 27.9391

# Details

The Hex color **8A912F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **362F91**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C2C763**, and **555F00** is the 20% darker color. If you saturate the color by 10%, you get **899120**, and if you desaturate by 10%, it is **8B913D**.

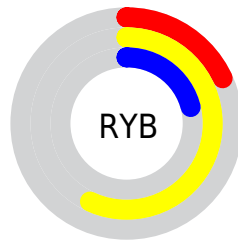
# Distribution



Red (54%)

Green (57%)

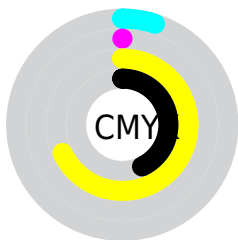
Blue (18%)



Red (18%)

Yellow (57%)

Blue (21%)

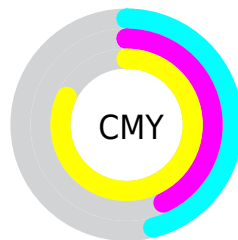


Cyan (5%)

Magenta (0%)

Yellow (68%)

Black (43%)



Cyan (46%)

Magenta (43%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A912F 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 8A912F by changing the saturation by 10% instead.



 8A912F

 8A912F

FFFFFF

 6F7713

 C2C763

 555F00

 DFE37D

 3C4700

 FCFF98

 223100

 FFFFB3

 041D00

 FFFFCF

 000000

 FFFFEC

 8A912F

 8A912F

 899120

 8B913D

■ 889112

■ 8C914C

■ 879103

■ 8D915B

■ 879100

■ 8E9169

■ 8F9177

■ 909186

■ 919194

■ 9291A3

■ 9391B1

# Harmonies

## Analogous

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



B3822F



8A912F



559B4C

# Triad

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



8A912F



009ECD



D465A0

# Complementary

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



8A912F



362F91

# 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.



B074C8



8A912F



0095E3

# Square

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



8A912F



00A1A5



6C87E1



DE6472

# Rectangle

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



8A912F



149F67



6C87E1



CB69AE



# Sweetspot

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



8A912F



BABD97



91362F



5D5E48



DEDEDE



5E5E5E



# Same Dimension

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



8A912F



B2BD24



59912F



474740



7D8700



070800



# Inverse Universe

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



362F91



2F24BD



672F91



414047



0A0087



010008



# Previews

## White Background



This preview shows how the Hex color 8A912F looks on a white background.

## Color Contrast Check

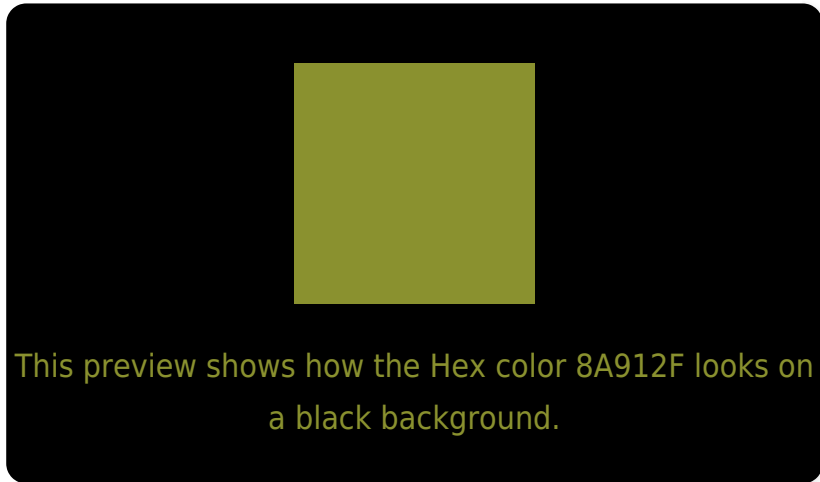
Large Text (above 18pt) WCAG AA ✓ Pass

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

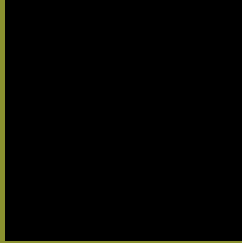
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A912F Background



This preview shows how black text looks on a background with the Hex color 8A912F.



This preview shows how white text looks on a background with the Hex color 8A912F.

# 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**  
8A912F

**Protanopia**  
9C8B2D

**Deuteranopia**  
AD8434

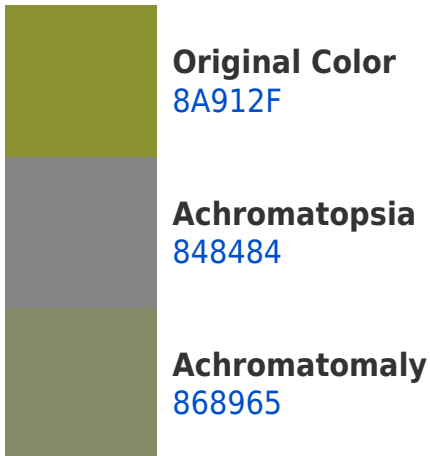


**Tritanopia**  
938892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A912F 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 #8A912F looks like.

```
.text, #text, p{  
    color:#8A912F  
}
```

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 #8A912F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A912F
}
```

## Border

The CSS property to change the border of an element to Hex 8A912F 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
#8A912F }
```

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

```
.border{ border-color:#8A912F }
```

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

Here you see how a box with a 4 pixel #8A912F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A912F; -webkit-box-shadow:4px 4px  
4px 4px #8A912F; box-shadow:4px 4px 4px  
4px #8A912F }
```

# Background

The CSS property to change the background color of an element to Hex 8A912F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A912F }
```

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

```
.background{ background-color:#8A912F }
```

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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