

# Converting Colors

Hex(8A7F1A)

Have a look what the booklet for  
Hex(8A7F1A) contains.

<b>Hex(8A7F1A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8A7F1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A7F1A
RGB	138, 127, 26
RGB Percent	54%, 50%, 10%
CMY	0.4588, 0.5020, 0.8980
CMYK	0.00, 0.08, 0.81, 0.46
HSL	54°, 68%, 32%
HSV	54°, 81%, 54%
XYZ	18.2571, 20.6566, 4.0022
YIQ	118.7750, 38.9770, -29.0790

# Conversions

## Conversions Part 2

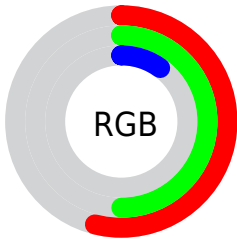
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 138, 26
Decimal	9076506
CIELab	52.57, -7.07, 51.73
CIELCh	53, 52.211, 97.788
Yxy	20.6566, 0.4254, 0.4813
Android (android.graphics.Color)	4287266586 (0xFF8A7F1A)
YUV	118.7750, -45.7381, 16.8603
Hunter-Lab	45.4495, -7.8333, 26.5938

# Details

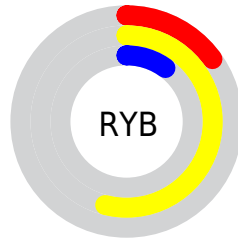
The Hex color **8A7F1A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1A258A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C2B350**, and **544E00** is the 20% darker color. If you saturate the color by 10%, you get **8A7E0C**, and if you desaturate by 10%, it is **8A8028**.

# Distribution



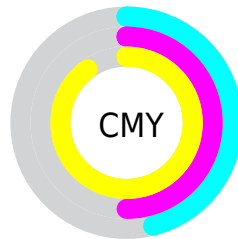
- Red (54%)
- Green (50%)
- Blue (10%)



- Red (15%)
- Yellow (54%)
- Blue (10%)



- Cyan (0%)
- Magenta (8%)
- Yellow (81%)
- Black (46%)



- Cyan (46%)
- Magenta (50%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7F1A 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 8A7F1A by changing the saturation by 10% instead.



 8A7F1A

 8A7F1A

FFFFFF

 6F6600

 C2B350

 544E00

 E0CF6A

 3A3800

 FDEB84

 212300

 FFFF9F

 000E00

 FFFFBB

 000000

 FFFFD7

 FFFFF4

 8A7F1A

 8A7F1A

■ 8A7E0C

■ 8A8028

■ 8A7C00

■ 8A8236

■ 8A8343

■ 8A8451

■ 8A865F

■ 8A876D

■ 8A887B

■ 8A8A88

■ 8A8B96

# Harmonies

## Analogous

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



B06F27



8A7F1A



5A8A31

# Triad

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



8A7F1A



0092B3



BD5AA0

# Complementary

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



8A7F1A



1A258A

# 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.



8F6DC5



8A7F1A



008BD0

# Square

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



8A7F1A



009388



327FD6



CF5374

# Rectangle

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



8A7F1A



2B8F4B



327FD6



B160AE



# Sweetspot

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



8A7F1A



B3AE88



8A1A25



59573F



D9D9D9



595959



# Same Dimension

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



8A7F1A



B3A105



5D8A1A



45443E



857800



050500



# Inverse Universe

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



1A258A



0516B3



471A8A



3E3F45



000D85



000105



# Previews

## White Background



This preview shows how the Hex color 8A7F1A looks on a white background.

## Color Contrast Check

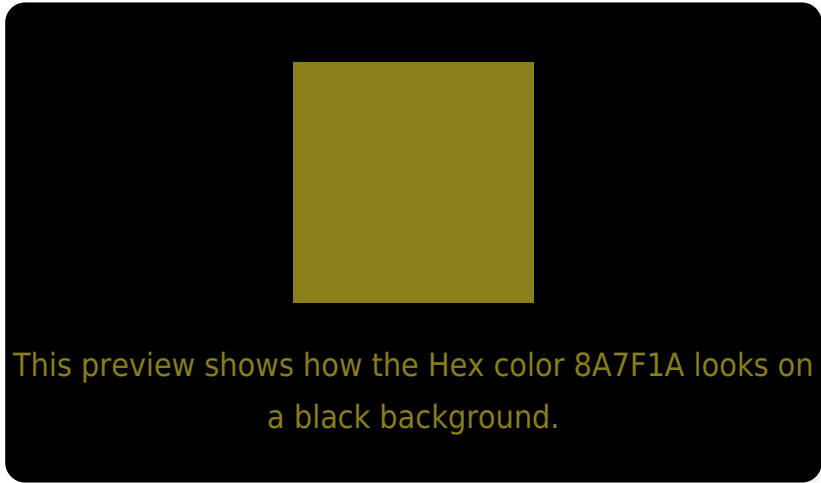
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A7F1A Background



This preview shows how black text looks on a background with the Hex color 8A7F1A.



This preview shows how white text looks on a background with the Hex color 8A7F1A.

# 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**  
8A7F1A

**Protanopia**  
8D7E1A

**Deuteranopia**  
9E771E



**Tritanopia**  
91767F

# Trichromacy



**Original Color**  
8A7F1A

**Protanomaly**  
8C7E1A

**Deuteranomaly**  
977A1D

**Tritanomaly**  
8E795A

# Monochromacy



**Original Color**  
8A7F1A

**Achromatopsia**  
777777

**Achromatomaly**  
7E7A55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7F1A 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 #8A7F1A looks like.

```
.text, #text, p{  
    color:#8A7F1A  
}
```

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 #8A7F1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7F1A
}
```

## Border

The CSS property to change the border of an element to Hex 8A7F1A 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
#8A7F1A }
```

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

```
.border{ border-color:#8A7F1A }
```

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

Here you see how a box with a 4 pixel #8A7F1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7F1A; -webkit-box-shadow:4px 4px  
4px 4px #8A7F1A; box-shadow:4px 4px 4px  
4px #8A7F1A }
```

# Background

The CSS property to change the background color of an element to Hex 8A7F1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7F1A }
```

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

```
.background{ background-color:#8A7F1A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor