

# Converting Colors

Hex(9B8F1A)

Have a look what the booklet for  
Hex(9B8F1A) contains.

<b>Hex(9B8F1A)</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(9B8F1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B8F1A
RGB	155, 143, 26
RGB Percent	61%, 56%, 10%
CMY	0.3922, 0.4392, 0.8980
CMYK	0.00, 0.08, 0.83, 0.39
HSL	54°, 71%, 35%
HSV	54°, 83%, 61%
XYZ	23.5265, 26.6881, 4.8886
YIQ	133.2500, 44.7090, -33.8430

# Conversions

## Conversions Part 2

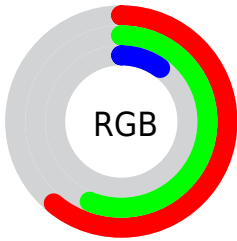
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 155, 26
Decimal	10194714
CIE Lab	58.68, -7.98, 57.68
CIE LCh	59, 58.232, 97.875
Yxy	26.6881, 0.4270, 0.4843
Android (android.graphics.Color)	4288384794 (0xFF9B8F1A)
YUV	133.2500, -52.8742, 19.0748
Hunter-Lab	51.6605, -9.1159, 30.5518

# Details

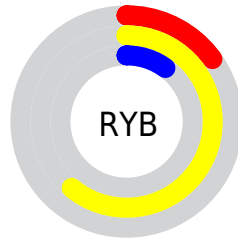
The Hex color **9B8F1A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1A269B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D5C453**, and **645D00** is the 20% darker color. If you saturate the color by 10%, you get **9B8E0A**, and if you desaturate by 10%, it is **9B9029**.

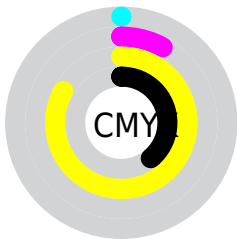
# Distribution



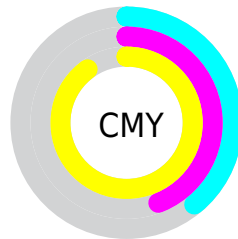
- Red (61%)
- Green (56%)
- Blue (10%)



- Red (15%)
- Yellow (61%)
- Blue (10%)



- Cyan (0%)
- Magenta (8%)
- Yellow (83%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8F1A 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 9B8F1A by changing the saturation by 10% instead.





9B8F1A



9B8F1A

FFFFFF



7F7600



D5C453



645D00



F2E06D



494600



FFFD88



2F3000



FFFFA4



171B00



FFFFC0



000000



FFFFDC



FFFFF9



9B8F1A



9B8F1A

■ 9B8E0A

■ 9B9029

■ 9B8D00

■ 9B9239

■ 9B9348

■ 9B9558

■ 9B9667

■ 9B9877

■ 9B9986

■ 9B9B96

■ 9B9CA5

# Harmonies

## Analogous

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



C67D2A



9B8F1A



649C36

# Triad

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



9B8F1A



00A4CB



D564B5

# Complementary

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



9B8F1A



1A269B

# 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.



A17ADE



9B8F1A



009DEB

# Square

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



9B8F1A



00A69A



348FF3



E95C82

# Rectangle

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



9B8F1A



2CA154



348FF3



C76BC4



# Sweetspot

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



9B8F1A



C9C597



9B1A27



666347



E6E6E6



666666



# Same Dimension

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



9B8F1A



C9B700



679B1A



4D4C45



8C7F00



0D0C00



# Inverse Universe

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



1A269B



0013C9



4E1A9B



45464D



000D8C



00010D



# Previews

## White Background



This preview shows how the Hex color 9B8F1A looks on a white background.

## Color Contrast Check

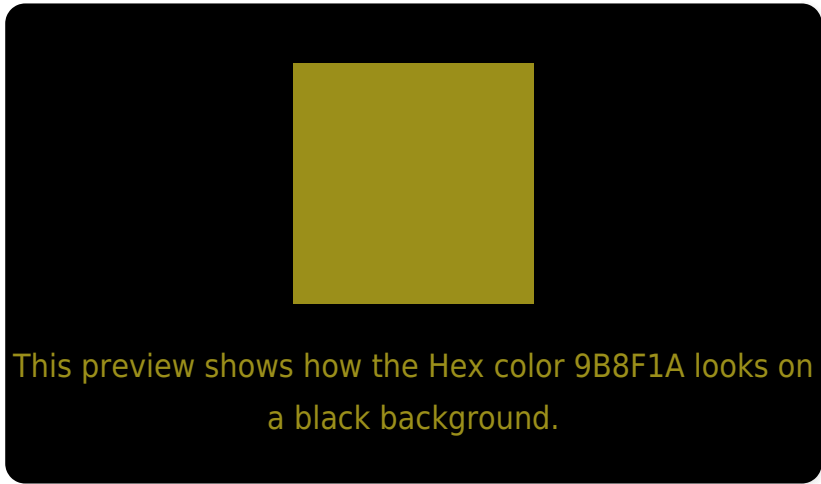
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B8F1A Background



This preview shows how black text looks on a background with the Hex color 9B8F1A.



This preview shows how white text looks on a background with the Hex color 9B8F1A.

# 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**  
9B8F1A

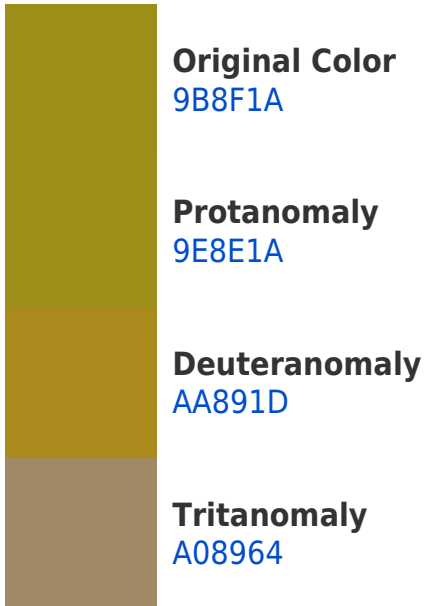
**Protanopia**  
9F8E1A

**Deuteranopia**  
B2861F



**Tritanopia**  
A3858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8F1A 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 #9B8F1A looks like.

```
.text, #text, p{  
    color:#9B8F1A  
}
```

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 #9B8F1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8F1A
}
```

## Border

The CSS property to change the border of an element to Hex 9B8F1A 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
#9B8F1A }
```

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

```
.border{ border-color:#9B8F1A }
```

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

Here you see how a box with a 4 pixel #9B8F1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8F1A; -webkit-box-shadow:4px 4px  
4px 4px #9B8F1A; box-shadow:4px 4px 4px  
4px #9B8F1A }
```

# Background

The CSS property to change the background color of an element to Hex 9B8F1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8F1A }
```

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

```
.background{ background-color:#9B8F1A }
```

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