

# Converting Colors

Hex(9B891B)

Have a look what the booklet for  
Hex(9B891B) contains.

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**Color**

**Hex(9B891B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B891B
RGB	155, 137, 27
RGB Percent	61%, 54%, 11%
CMY	0.3922, 0.4627, 0.8941
CMYK	0.00, 0.12, 0.83, 0.39
HSL	52°, 70%, 36%
HSV	52°, 83%, 61%
XYZ	22.6611, 24.9390, 4.6563
YIQ	129.8420, 46.0380, -30.3940

# Conversions

## Conversions Part 2

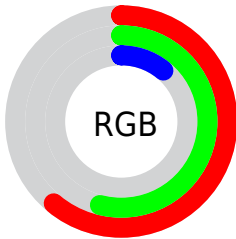
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 155, 27
Decimal	10193179
CIELab	57.02, -4.68, 55.95
CIELCh	57, 56.146, 94.786
Yxy	24.9390, 0.4337, 0.4772
Android (android.graphics.Color)	4288383259 (0xFF9B891B)
YUV	129.8420, -50.7011, 22.0636
Hunter-Lab	49.9390, -6.3944, 29.4291

# Details

The Hex color **9B891B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1B2D9B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D5BE52**, and **645800** is the 20% darker color. If you saturate the color by 10%, you get **9B870B**, and if you desaturate by 10%, it is **9B8B2A**.

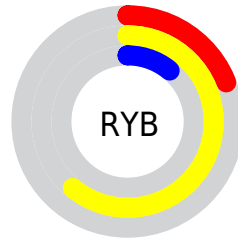
# Distribution



Red (61%)

Green (54%)

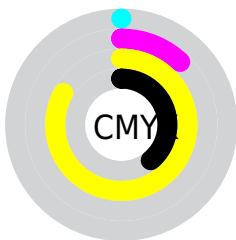
Blue (11%)



Red (19%)

Yellow (61%)

Blue (11%)

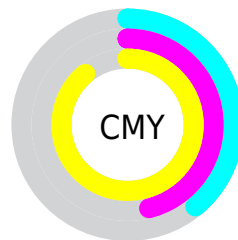


Cyan (0%)

Magenta (12%)

Yellow (83%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B891B 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 9B891B by changing the saturation by 10% instead.





9B891B



9B891B

FFFFFF



7F7000



D5BE52



645800



F2DA6D



494100



FFF688



2F2B00



FFFFA3



161700



FFFFBF



000000



FFFFDB



FFFFF8



9B891B



9B891B

 9B870B

 9B8B2A

 9B8500

 9B8D3A

 9B9049

 9B9259

 9B9468

 9B9678

 9B9887

 9B9A97

 9B9DA6

# Harmonies

## Analogous

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



C3772D



9B891B



689632

# Triad

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



9B891B



009FBF



CA64B3

# Complementary

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



9B891B



1B2D9B

# 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.



9578DA



9B891B



0099E1

# Square

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



9B891B



00A08F



1C8CEB



E15A83

# Rectangle

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



9B891B



389B4D



1C8CEB



BC6AC2



# Sweetspot

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



9B891B



C9C297



9B1B2E



666247



E6E6E6



666666



# Same Dimension

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



9B891B



C9AD02



6E9B1B



4D4B45



8C7900



0D0B00



# Inverse Universe

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



1B2D9B



021EC9



481B9B



45464D



00148C

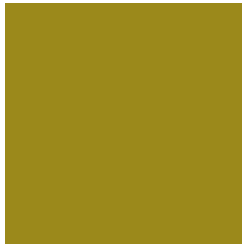


00020D



# Previews

## White Background



This preview shows how the Hex color 9B891B looks on a white background.

## Color Contrast Check

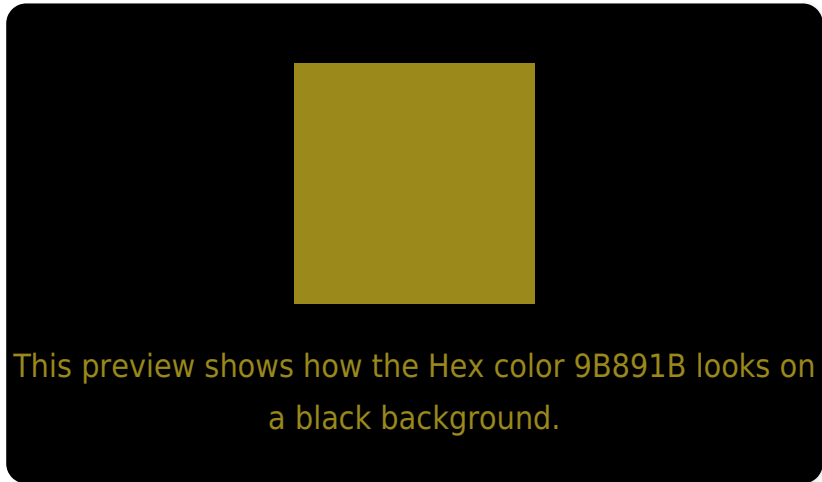
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B891B Background



This preview shows how black text looks on a background with the Hex color 9B891B.



This preview shows how white text looks on a background with the Hex color 9B891B.

# 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**  
9B891B

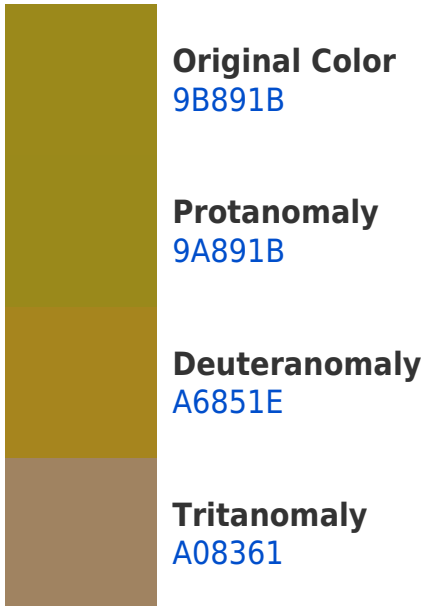
**Protanopia**  
9A891B

**Deuteranopia**  
AC821F

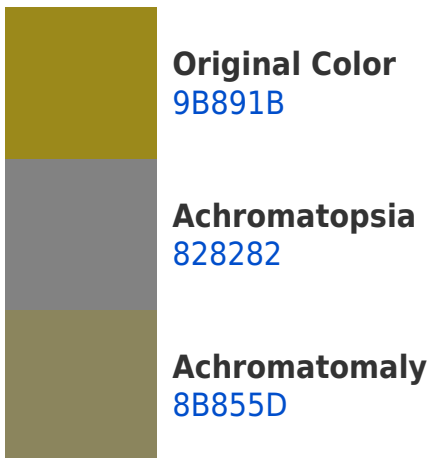


**Tritanopia**  
A38089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B891B 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 #9B891B looks like.

```
.text, #text, p{  
    color:#9B891B  
}
```

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 #9B891B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B891B
}
```

## Border

The CSS property to change the border of an element to Hex 9B891B 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
#9B891B }
```

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

```
.border{ border-color:#9B891B }
```

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

Here you see how a box with a 4 pixel #9B891B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B891B; -webkit-box-shadow:4px 4px  
4px 4px #9B891B; box-shadow:4px 4px 4px  
4px #9B891B }
```

# Background

The CSS property to change the background color of an element to Hex 9B891B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B891B }
```

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

```
.background{ background-color:#9B891B }
```

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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