

# Converting Colors

Hex(98B22B)

Have a look what the booklet for  
Hex(98B22B) contains.

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**Color**

**Hex(98B22B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98B22B
RGB	152, 178, 43
RGB Percent	60%, 70%, 17%
CMY	0.4039, 0.3020, 0.8314
CMYK	0.15, 0.00, 0.76, 0.30
HSL	72°, 61%, 43%
HSV	72°, 76%, 70%
XYZ	29.3053, 38.6906, 8.2090
YIQ	154.8360, 27.8390, -47.4970

# Conversions

## Conversions Part 2

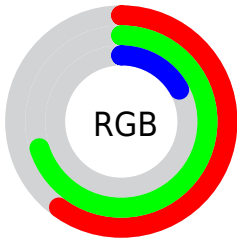
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">43, 178, 69</a>
Decimal	<a href="#">10007083</a>
CIELab	<a href="#">68.53, -26.55, 61.25</a>
CIELCh	<a href="#">69, 66.754, 113.440</a>
Yxy	<a href="#">38.6906, 0.3846, 0.5077</a>
Android (android.graphics.Color)	<a href="#">4288197163 (0xFF98B22B)</a>
YUV	<a href="#">154.8360, -55.1351, -2.4872</a>
Hunter-Lab	<a href="#">62.2018, -24.7558, 35.7165</a>

# Details

The Hex color **98B22B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **452BB2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D1EA63**, and **617D00** is the 20% darker color. If you saturate the color by 10%, you get **95B219**, and if you desaturate by 10%, it is **9BB23D**.

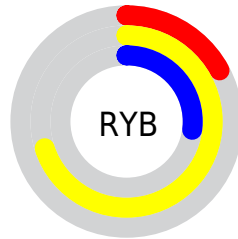
# Distribution



Red (60%)

Green (70%)

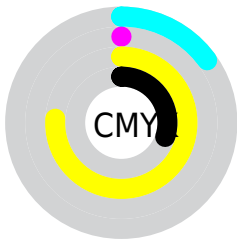
Blue (17%)



Red (17%)

Yellow (70%)

Blue (27%)

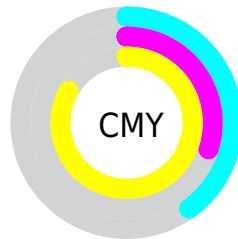


Cyan (15%)

Magenta (0%)

Yellow (76%)

Black (30%)



Cyan (40%)

Magenta (30%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98B22B 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 98B22B by changing the saturation by 10% instead.



 98B22B

 98B22B

FFFFFF

 7C9702

 D1EA63

 617D00

 EFFF7E

 466400

 FFFF9A

 2B4C00

 FFFFB6

 0E3500

 FFFFD3

 002100

 FFFFF0

 000000

 98B22B

 98B22B

 95B219

 9BB23D

91B207

9FB24F

90B200

A2B260

A6B272

A9B284

ADB296

B0B2A8

B3B2B9

B7B2CB

# Harmonies

## Analogous

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



D1A021



98B22B



47BD5B

# Triad

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



98B22B



00BFFF



FF6FB7

# Complementary

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



98B22B



452BB2

# 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.



E382F0



98B22B



00B2FF

# Square

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



98B22B



00C4D5



8F9DFF



FF727B

# Rectangle

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



98B22B



00C283



8F9DFF



FF73CB



# Sweetspot

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



98B22B



DEE8B3



B2442B



6F7554



F5F5F5



757575



# Same Dimension

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



98B22B



BFE815



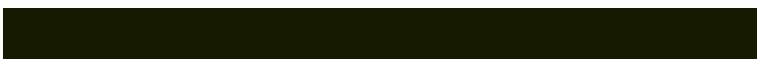
56B22B



585950



7C9900



151A00



# Inverse Universe

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



452BB2



3E15E8



872BB2



525059



1D0099



05001A



# Previews

## White Background



This preview shows how the Hex color 98B22B looks on a white background.

## Color Contrast Check

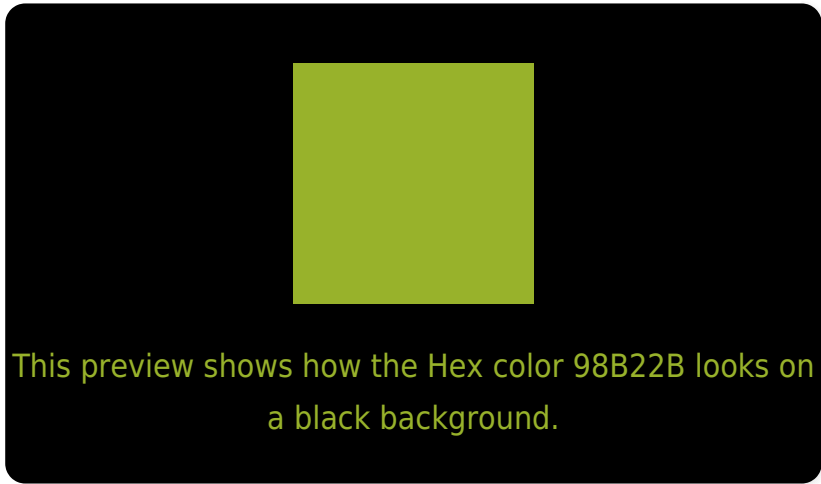
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 98B22B Background



This preview shows how black text looks on a background with the Hex color 98B22B.



This preview shows how white text looks on a background with the Hex color 98B22B.

# 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**  
98B22B

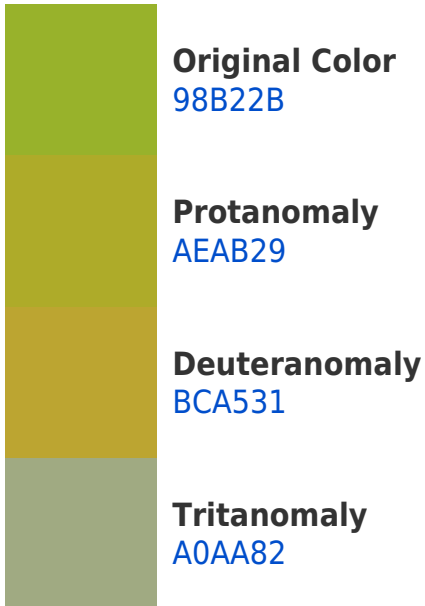
**Protanopia**  
BBA728

**Deuteranopia**  
D19E34

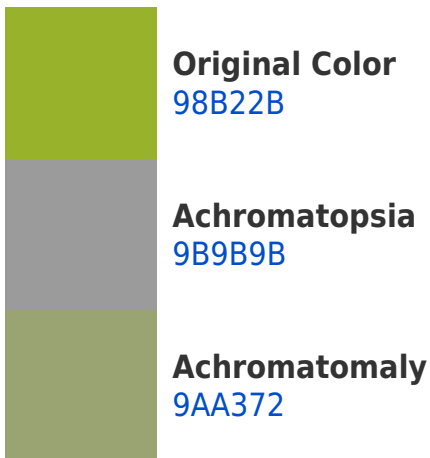


**Tritanopia**  
A5A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98B22B 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 #98B22B looks like.

```
.text, #text, p{  
    color:#98B22B  
}
```

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 #98B22B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B22B
}
```

## Border

The CSS property to change the border of an element to Hex 98B22B 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
#98B22B }
```

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

```
.border{ border-color:#98B22B }
```

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

Here you see how a box with a 4 pixel #98B22B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B22B; -webkit-box-shadow:4px 4px  
4px 4px #98B22B; box-shadow:4px 4px 4px  
4px #98B22B }
```

# Background

The CSS property to change the background color of an element to Hex 98B22B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B22B }
```

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

```
.background{ background-color:#98B22B }
```

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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