

# Converting Colors

Hex(9F9F2C)

Have a look what the booklet for  
Hex(9F9F2C) contains.

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# **Color**

**Hex(9F9F2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F9F2C
RGB	159, 159, 44
RGB Percent	62%, 62%, 17%
CMY	0.3765, 0.3765, 0.8275
CMYK	0.00, 0.00, 0.72, 0.38
HSL	60°, 57%, 40%
HSV	60°, 72%, 62%
XYZ	27.1508, 32.3491, 7.1959
YIQ	145.8900, 36.9150, -35.7650

# Conversions

## Conversions Part 2

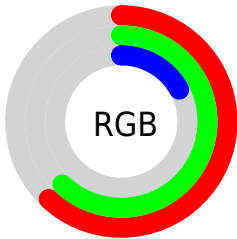
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 159, 44
Decimal	10460972
CIELab	63.63, -13.94, 56.43
CIELCh	64, 58.129, 103.875
Yxy	32.3491, 0.4071, 0.4850
Android (android.graphics.Color)	4288651052 (0xFF9F9F2C)
YUV	145.8900, -50.2318, 11.4975
Hunter-Lab	56.8762, -14.3234, 32.3121

# Details

The Hex color **9F9F2C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2C2C9F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D8D562**, and **686C00** is the 20% darker color. If you saturate the color by 10%, you get **9F9F1C**, and if you desaturate by 10%, it is **9F9F3C**.

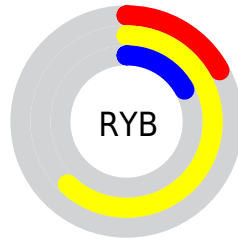
# Distribution



Red (62%)

Green (62%)

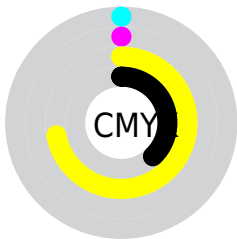
Blue (17%)



Red (17%)

Yellow (62%)

Blue (17%)

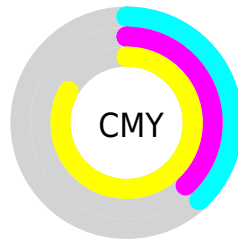


Cyan (0%)

Magenta (0%)

Yellow (72%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9F2C 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 9F9F2C by changing the saturation by 10% instead.





9F9F2C



9F9F2C

FFFFFF



838509



D8D562



686C00



F6F27D



4E5400



FFFF98



343D00



FFFFB4



1B2700



FFFFD0



001400



FFFFED



000000



9F9F2C



9F9F2C



9F9F1C



9F9F3C

 9F9F0C

 9F9F4C

 9F9F00

 9F9F5C

 9F9F6C

 9F9F7B

 9F9F8B

 9F9F9B

 9F9FAB

 9F9FBB

# Harmonies

## Analogous

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



CD8D32



9F9F2C



65AB4B

# Triad

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



9F9F2C



00B0E1



EA6FB8

# Complementary

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



9F9F2C



2C2C9F

# 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.



BC82E5



9F9F2C



00A8FD

# Square

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



9F9F2C



00B3B1



6698FF



F96B84

# Rectangle

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



9F9F2C



22B06A



6698FF



DE74C9



# Sweetspot

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



9F9F2C



CFCFA1



9F2C2C



69694D



E8E8E8



696969



# Same Dimension

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



9F9F2C



CFCF1B



669F2C



4F4F47



8F8F00



0F0F00



# Inverse Universe

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



2C2C9F



1B1BCF



662C9F



47474F



00008F



00000F



# Previews

## White Background



This preview shows how the Hex color 9F9F2C 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 9F9F2C Background



This preview shows how black text looks on a background with the Hex color 9F9F2C.



This preview shows how white text looks on a background with the Hex color 9F9F2C.

# 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**  
9F9F2C

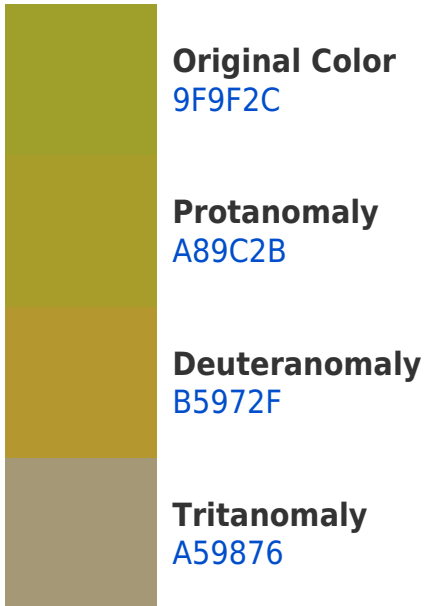
**Protanopia**  
AD9A2B

**Deuteranopia**  
C19231



**Tritanopia**  
A994A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9F2C 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 #9F9F2C looks like.

```
.text, #text, p{  
    color:#9F9F2C  
}
```

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 #9F9F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9F2C
}
```

## Border

The CSS property to change the border of an element to Hex 9F9F2C 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
#9F9F2C }
```

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

```
.border{ border-color:#9F9F2C }
```

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

Here you see how a box with a 4 pixel #9F9F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9F2C; -webkit-box-shadow:4px 4px  
4px 4px #9F9F2C; box-shadow:4px 4px 4px  
4px #9F9F2C }
```

# Background

The CSS property to change the background color of an element to Hex 9F9F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9F2C }
```

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

```
.background{ background-color:#9F9F2C }
```

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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