

# Converting Colors

Hex(9E9F2D)

Have a look what the booklet for  
Hex(9E9F2D) contains.

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# Color

**Hex(9E9F2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9F2D
RGB	158, 159, 45
RGB Percent	62%, 62%, 18%
CMY	0.3804, 0.3765, 0.8235
CMYK	0.01, 0.00, 0.72, 0.38
HSL	61°, 56%, 40%
HSV	61°, 72%, 62%
XYZ	26.9723, 32.2548, 7.2868
YIQ	145.7050, 35.9980, -35.6660

# Conversions

## Conversions Part 2

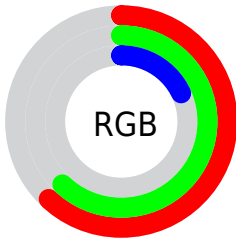
Format	Color
<a href="#">RYB</a>	<a href="#">45, 159, 46</a>
Decimal	<a href="#">10395437</a>
CIELab	<a href="#">63.55, -14.33, 55.96</a>
CIELCh	<a href="#">64, 57.766, 104.362</a>
Yxy	<a href="#">32.2548, 0.4055, 0.4849</a>
Android (android.graphics.Color)	<a href="#">4288585517 (0xFF9E9F2D)</a>
YUV	<a href="#">145.7050, -49.6476, 10.7827</a>
Hunter-Lab	<a href="#">56.7933, -14.6150, 32.1482</a>

# Details

The Hex color **9E9F2D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E2D9F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D7D563**, and **676C00** is the 20% darker color. If you saturate the color by 10%, you get **9E9F1D**, and if you desaturate by 10%, it is **9E9F3D**.

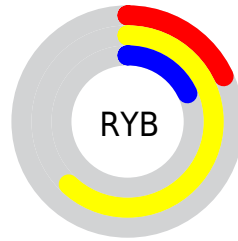
# Distribution



Red (62%)

Green (62%)

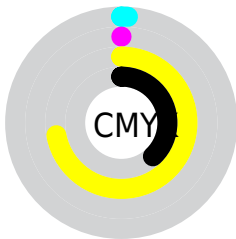
Blue (18%)



Red (18%)

Yellow (62%)

Blue (18%)

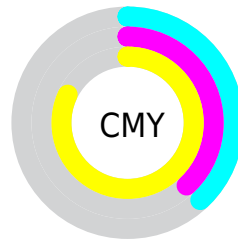


Cyan (1%)

Magenta (0%)

Yellow (72%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9F2D 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 9E9F2D by changing the saturation by 10% instead.





9E9F2D



9E9F2D

FFFFFF



82850C



D7D563



676C00



F5F27D



4D5400



FFFF99



333D00



FFFFB4



1A2700



FFFFD1



001400



FFFEE



000000



9E9F2D



9E9F2D



9E9F1D



9E9F3D

 9E9F0D

 9E9F4D

 9E9F00

 9E9F5D

 9F9F6D

 9F9F7D

 9F9F8C

 9F9F9C

 9F9FAC

 9F9FBC

# Harmonies

## Analogous

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



CC8E32



9E9F2D



64AB4C

# Triad

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



9E9F2D



00B0E1



EA6FB7

# Complementary

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



9E9F2D



2E2D9F

# 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.



BD82E4



9E9F2D



00A7FD

# Square

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



9E9F2D



00B3B2



6897FE



F86B83

# Rectangle

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



9E9F2D



20B06B



6897FE



DE74C7



# Sweetspot

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



9E9F2D



CECFA1



9F2D2D



68694D



E8E8E8



696969



# Same Dimension

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



9E9F2D



CDCF1D



669F2D



4F4F47



8E8F00



0F0F00



# Inverse Universe

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



2E2D9F



1E1DCF



662D9F



47474F



01008F



00000F



# Previews

## White Background



This preview shows how the Hex color 9E9F2D looks on a white background.

## Color Contrast Check

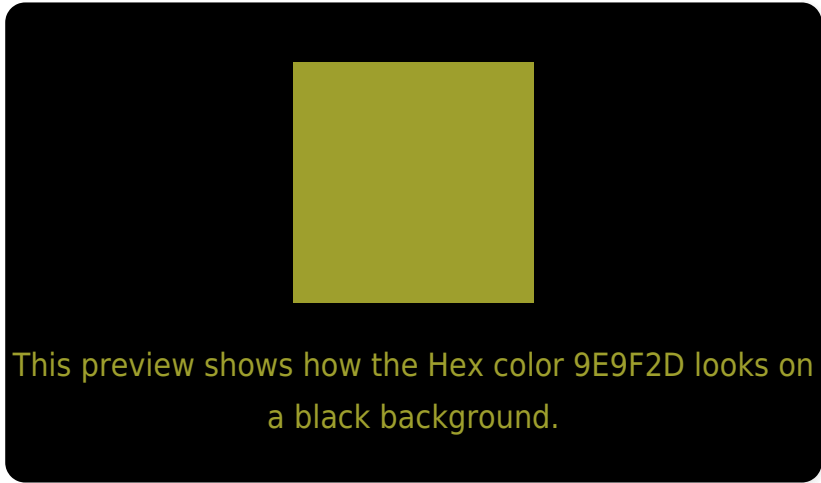
Large Text (above 18pt) WCAG AA × Fail

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 9E9F2D Background



This preview shows how black text looks on a background with the Hex color 9E9F2D.

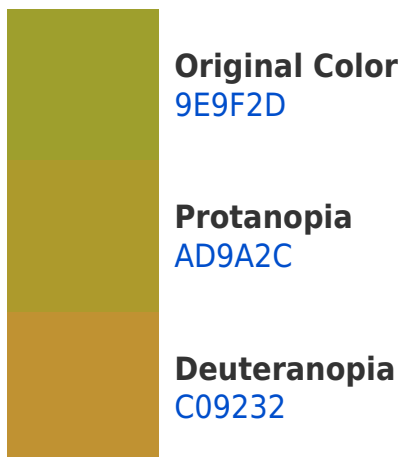


This preview shows how white text looks on a background with the Hex color 9E9F2D.

# 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](#).

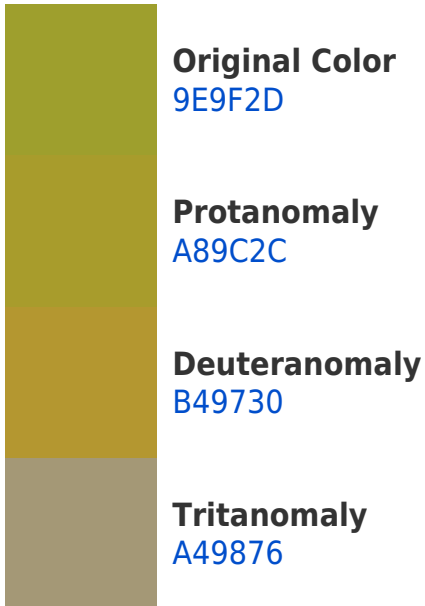
## Dichromacy





**Tritanopia**  
A894A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9F2D 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 #9E9F2D looks like.

```
.text, #text, p{  
    color:#9E9F2D  
}
```

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 #9E9F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9F2D
}
```

## Border

The CSS property to change the border of an element to Hex 9E9F2D 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
#9E9F2D }
```

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

```
.border{ border-color:#9E9F2D }
```

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

Here you see how a box with a 4 pixel #9E9F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9F2D; -webkit-box-shadow:4px 4px  
4px 4px #9E9F2D; box-shadow:4px 4px 4px  
4px #9E9F2D }
```

# Background

The CSS property to change the background color of an element to Hex 9E9F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9F2D }
```

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

```
.background{ background-color:#9E9F2D }
```

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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