

Converting Colors

Hex(9A9A2D)

Have a look what the booklet for
Hex(9A9A2D) contains.

Hex(9A9A2D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A9A2D)

Conversions

Conversions Part 1

Format	Color
Hex	9A9A2D
RGB	154, 154, 45
RGB Percent	60%, 60%, 18%
CMY	0.3961, 0.3961, 0.8235
CMYK	0.00, 0.00, 0.71, 0.40
HSL	60°, 55%, 39%
HSV	60°, 71%, 60%
XYZ	25.3557, 30.1707, 6.9698
YIQ	141.5740, 34.9890, -33.8990

Conversions

Conversions Part 2

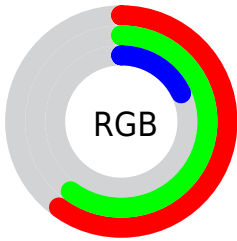
Format	Color
RYB	45, 154, 45
Decimal	10132013
CIELab	61.80, -13.48, 54.14
CIElCh	62, 55.788, 103.981
Yxy	30.1707, 0.4057, 0.4828
Android (android.graphics.Color)	4288322093 (0xFF9A9A2D)
YUV	141.5740, -47.6110, 10.8976
Hunter-Lab	54.9279, -13.7249, 30.9262

Details

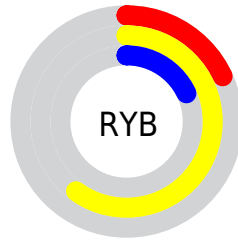
The Hex color **9A9A2D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2D2D9A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D3D062**, and **636700** is the 20% darker color. If you saturate the color by 10%, you get **9A9A1E**, and if you desaturate by 10%, it is **9A9A3C**.

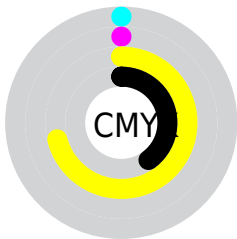
Distribution



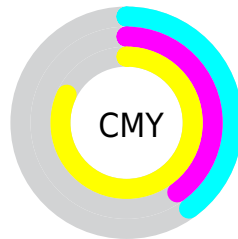
- Red (60%)
- Green (60%)
- Blue (18%)



- Red (18%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (0%)
- Yellow (71%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9A2D 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 9A9A2D by changing the saturation by 10% instead.

 9A9A2D

 9A9A2D

FFFFFF

 7E800D

 D3D062

 636700

 F0EC7D

 4A4F00

 FFFF98

 303900

 FFFFB3

 172300

 FFFF00

 000C00

 FFFFED

 000000

 9A9A2D

 9A9A2D

 9A9A1E

 9A9A3C

■ 9A9A0E

■ 9A9A4C

■ 9A9A00

■ 9A9A5B

■ 9A9A6B

■ 9A9A7A

■ 9A9A89

■ 9A9A99

■ 9A9AA8

■ 9A9AB8

Harmonies

Analogous

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



C68932



9A9A2D



62A54A

Triad

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



9A9A2D



00ABD9



E26CB2

Complementary

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



9A9A2D



2D2D9A

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.



B67EDD



9A9A2D



00A2F4

Square

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



9A9A2D



00ADAC



6593F5



F06980

Rectangle

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



9A9A2D



25AA68



6593F5



D771C2

Sweetspot

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



9A9A2D



C9C99F



9A2D2D



66664D



E6E6E6



666666

Same Dimension

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



9A9A2D



C9C91E



639A2D



4D4D45



8C8C00



0D0D00

Inverse Universe

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



2D2D9A



1E1EC9



632D9A



45454D



00008C



00000D

Previews

White Background



This preview shows how the Hex color 9A9A2D looks on a white background.

Color Contrast Check

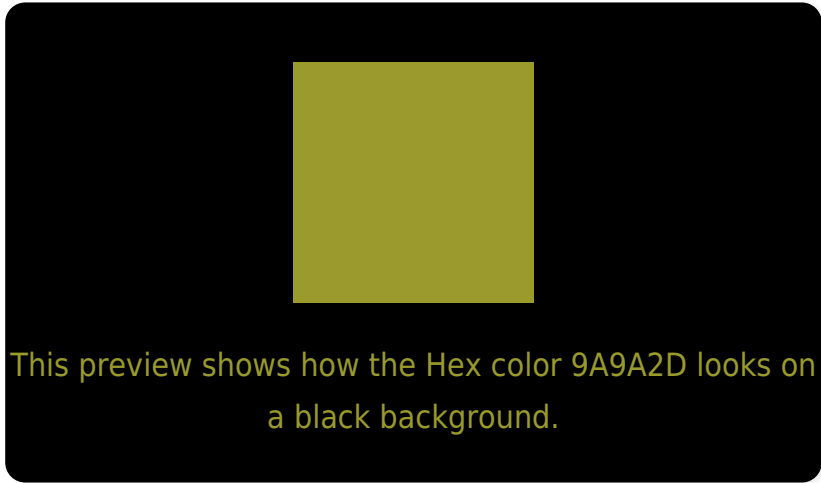
Large Text (above 18pt) WCAG AA × Fail

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 9A9A2D Background



This preview shows how black text looks on a background with the Hex color 9A9A2D.



This preview shows how white text looks on a background with the Hex color 9A9A2D.

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

9A9A2D

Protanopia

A7962C

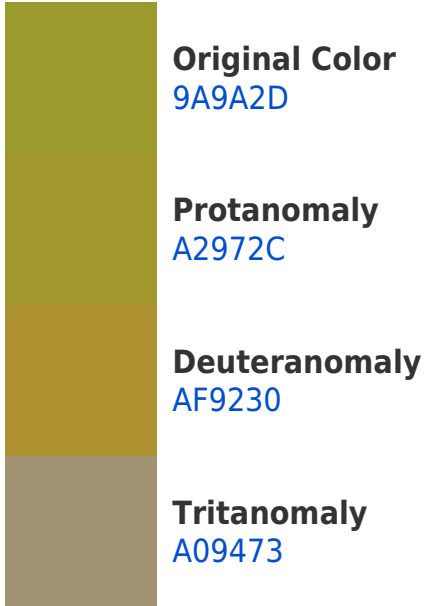
Deuteranopia

BB8E32

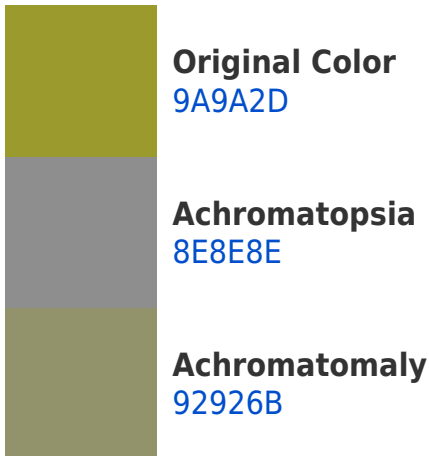


Tritanopia
A4909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9A2D 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 #9A9A2D looks like.

```
.text, #text, p{  
    color:#9A9A2D  
}
```

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 #9A9A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9A2D
}
```

Border

The CSS property to change the border of an element to Hex 9A9A2D 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
#9A9A2D }
```

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

```
.border{ border-color:#9A9A2D }
```

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

Here you see how a box with a 4 pixel #9A9A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9A2D; -webkit-box-shadow:4px 4px  
4px 4px #9A9A2D; box-shadow:4px 4px 4px  
4px #9A9A2D }
```

Background

The CSS property to change the background color of an element to Hex 9A9A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9A2D }
```

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

```
.background{ background-color:#9A9A2D }
```

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