

Converting Colors

Hex(9CAA2D)

Have a look what the booklet for
Hex(9CAA2D) contains.

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Color

Hex(9CAA2D)

Conversions

Conversions Part 1

Format	Color
Hex	9CAA2D
RGB	156, 170, 45
RGB Percent	61%, 67%, 18%
CMY	0.3882, 0.3333, 0.8235
CMYK	0.08, 0.00, 0.74, 0.33
HSL	67°, 58%, 42%
HSV	67°, 74%, 67%
XYZ	28.5587, 36.0068, 7.9274
YIQ	151.5640, 31.7810, -41.8430

Conversions

Conversions Part 2

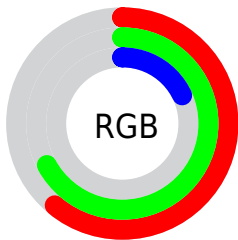
Format	Color
RYB	45, 170, 59
Decimal	10267181
CIELab	66.53, -20.82, 58.77
CIELCh	67, 62.351, 109.508
Yxy	36.0068, 0.3940, 0.4967
Android (android.graphics.Color)	4288457261 (0xFF9CAA2D)
YUV	151.5640, -52.5361, 3.8904
Hunter-Lab	60.0057, -20.0559, 34.1711

Details

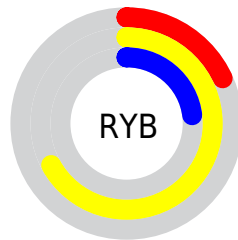
The Hex color **9CAA2D** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3B2DAA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D5E164**, and **657600** is the 20% darker color. If you saturate the color by 10%, you get **9AAA1C**, and if you desaturate by 10%, it is **9EAA3E**.

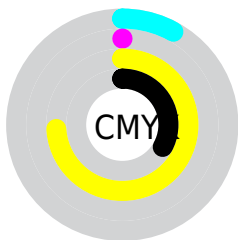
Distribution



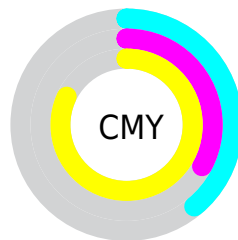
- Red (61%)
- Green (67%)
- Blue (18%)



- Red (18%)
- Yellow (67%)
- Blue (23%)



- Cyan (8%)
- Magenta (0%)
- Yellow (74%)
- Black (33%)



- Cyan (39%)
- Magenta (33%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CAA2D 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 9CAA2D by changing the saturation by 10% instead.

9CAA2D

9CAA2D

FFFFFF

809008

D5E164

657600

F3FE7F

4B5D00

FFFF9A

304600

FFFFB6

162F00

FFFFD3

001C00

FFFFF0

000000

9CAA2D

9CAA2D

9AAA1C

9EAA3E

■ 98AA0B

■ A0AA4F

■ 97AA00

■ A2AA60

■ A4AA71

■ A6AA82

■ A7AA93

■ A9AAA4

■ ABAAB5

■ ADAAC6

Harmonies

Analogous

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



D0982B



9CAA2D



58B655

Triad

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



9CAA2D



00B9F6



FE70B8

Complementary

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



9CAA2D



3B2DAA

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.



D283EB



9CAA2D



00AEFF

Square

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



9CAA2D



00BDC6



7E9BFF



FF7080

Rectangle

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



9CAA2D



00BA78



7E9BFF



F375CA

Sweetspot

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



9CAA2D



D8DEAD



AA3A2D



6D7053



F0F0F0



707070

Same Dimension

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



9CAA2D



C8DE1B



5FAA2D



53544C



839400



121400

Inverse Universe

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



3B2DAA



301BDE



782DAA



4D4C54



110094



020014

Previews

White Background



This preview shows how the Hex color 9CAA2D looks on a white background.

Color Contrast Check

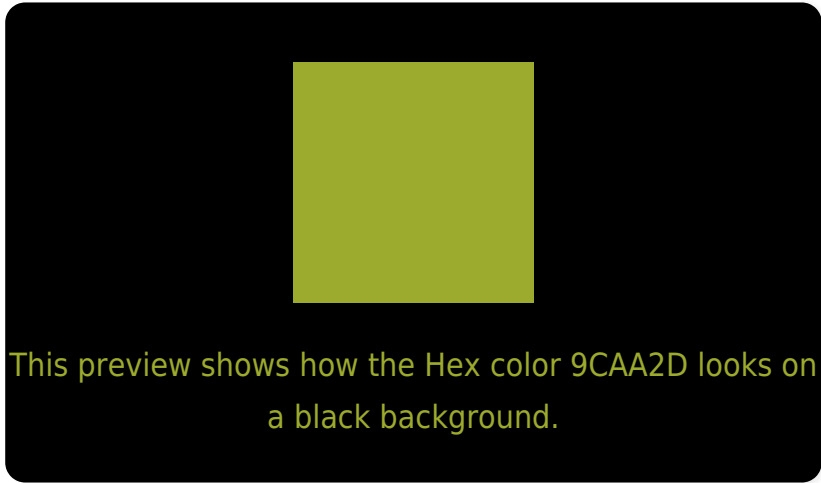
Large Text (above 18pt) WCAG AA × Fail

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 9CAA2D Background



This preview shows how black text looks on a background with the Hex color 9CAA2D.



This preview shows how white text looks on a background with the Hex color 9CAA2D.

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
9CAA2D

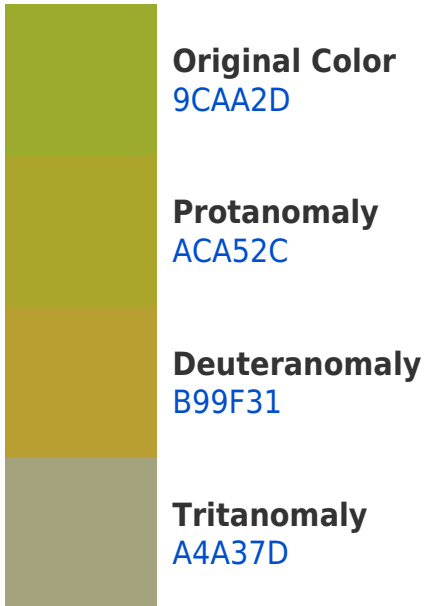
Protanopia
B5A22B

Deuteranopia
CA9934

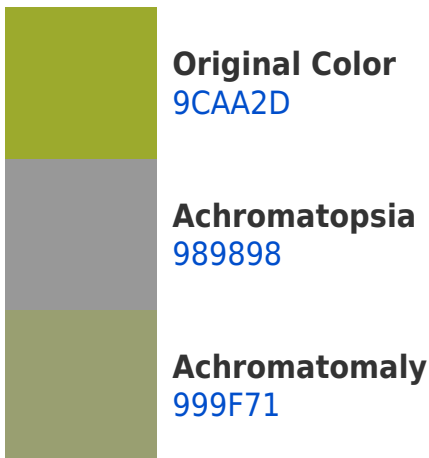


Tritanopia
A89FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CAA2D 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 #9CAA2D looks like.

```
.text, #text, p{  
    color:#9CAA2D  
}
```

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 #9CAA2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CAA2D
}
```

Border

The CSS property to change the border of an element to Hex 9CAA2D 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
#9CAA2D }
```

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

```
.border{ border-color:#9CAA2D }
```

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

Here you see how a box with a 4 pixel #9CAA2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CAA2D; -webkit-box-shadow:4px 4px  
4px 4px #9CAA2D; box-shadow:4px 4px 4px  
4px #9CAA2D }
```

Background

The CSS property to change the background color of an element to Hex 9CAA2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CAA2D }
```

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

```
.background{ background-color:#9CAA2D }
```

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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