

Converting Colors

Hex(9CA02C)

Have a look what the booklet for
Hex(9CA02C) contains.

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Color

Hex(9CA02C)

Conversions

Conversions Part 1

Format	Color
Hex	9CA02C
RGB	156, 160, 44
RGB Percent	61%, 63%, 17%
CMY	0.3882, 0.3725, 0.8275
CMYK	0.02, 0.00, 0.72, 0.37
HSL	62°, 57%, 40%
HSV	62°, 72%, 63%
XYZ	26.7357, 32.3914, 7.2259
YIQ	145.5800, 34.8520, -36.9240

Conversions

Conversions Part 2

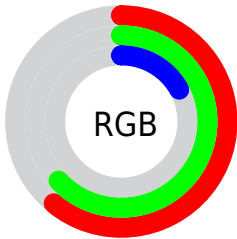
Format	Color
RYB	44, 160, 48
Decimal	10264620
CIELab	63.67, -15.78, 56.38
CIELCh	64, 58.546, 105.632
Yxy	32.3914, 0.4029, 0.4882
Android (android.graphics.Color)	4288454700 (0xFF9CA02C)
YUV	145.5800, -50.0789, 9.1383
Hunter-Lab	56.9134, -15.7461, 32.3117

Details

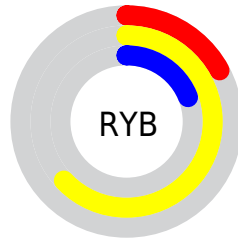
The Hex color **9CA02C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **302CA0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D5D762**, and **656D00** is the 20% darker color. If you saturate the color by 10%, you get **9BA01C**, and if you desaturate by 10%, it is **9DA03C**.

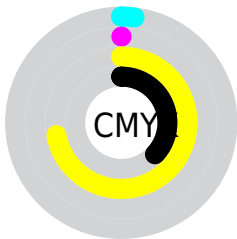
Distribution



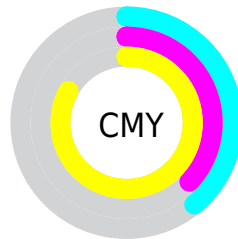
- Red (61%)
- Green (63%)
- Blue (17%)



- Red (17%)
- Yellow (63%)
- Blue (19%)



- Cyan (2%)
- Magenta (0%)
- Yellow (72%)
- Black (37%)



- Cyan (39%)
- Magenta (37%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA02C 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 9CA02C by changing the saturation by 10% instead.

 9CA02C

 9CA02C

FFFFFF

 808609

 D5D762

 656D00

 F3F37D

 4B5500

 FFFF98

 313E00

 FFFF84

 182800

 FFFF80

 001500

 FFFFED

 000000

 9CA02C

 9CA02C

 9BA01C

 9DA03C

 9BA00C

 9DA04C

 9AA000

 9EA05C

 9EA06C

 9FA07C

 9FA08C

 A0A09C

 A0A0AC

 A1A0BC

Harmonies

Analogous

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



CB8F2F



9CA02C



60AC4D

Triad

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



9CA02C



00B0E4



EC6EB6

Complementary

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



9CA02C



302CA0

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.



C081E4



9CA02C



00A7FF

Square

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



9CA02C



00B4B5



6C97FF



FA6B81

Rectangle

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



9CA02C



0FB06D



6C97FF



E173C6

Sweetspot

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



9CA02C



D0D1A3



A0302C



68694D



E8E8E8



696969

Same Dimension

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



9CA02C



CBD11B



62A02C



4F4F47



8A8F00



0F0F00

Inverse Universe

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



302CA0



211BD1



6A2CA0



47474F



05008F



01000F

Previews

White Background



This preview shows how the Hex color 9CA02C looks on a white background.

Color Contrast Check

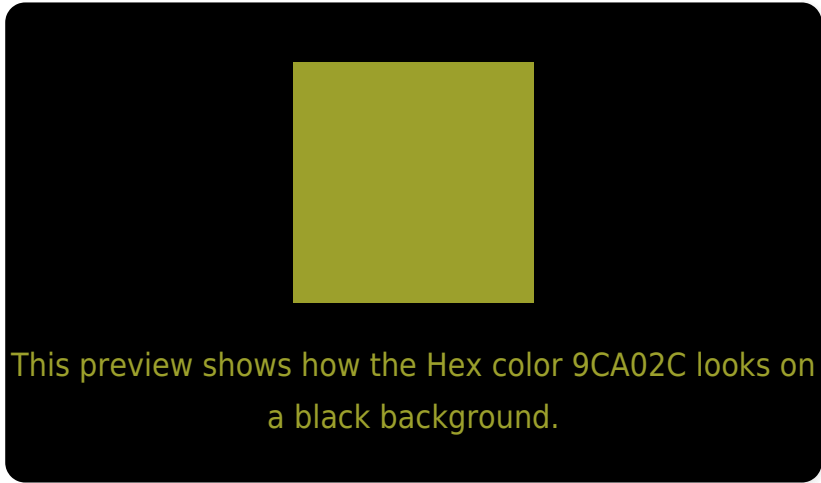
Large Text (above 18pt) WCAG AA × Fail

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 9CA02C Background



This preview shows how black text looks on a background with the Hex color 9CA02C.

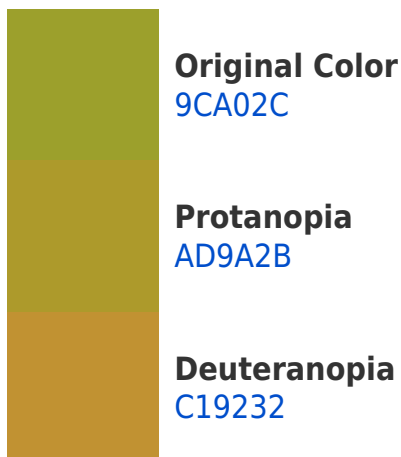


This preview shows how white text looks on a background with the Hex color 9CA02C.

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](#).

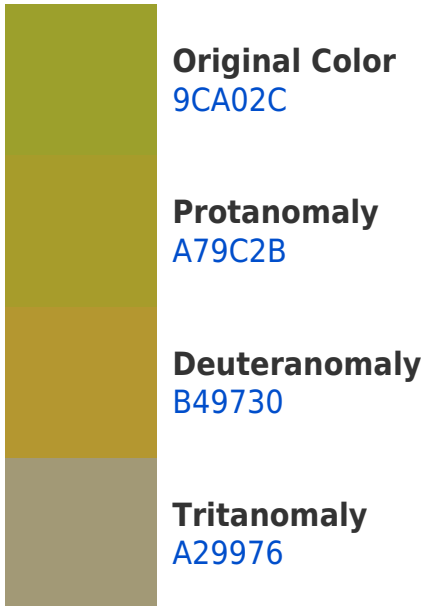
Dichromacy





Tritanopia
A695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA02C 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 #9CA02C looks like.

```
.text, #text, p{
  color:#9CA02C
}
```

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 #9CA02C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA02C
}
```

Border

The CSS property to change the border of an element to Hex 9CA02C 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
#9CA02C }
```

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

```
.border{ border-color:#9CA02C }
```

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

Here you see how a box with a 4 pixel #9CA02C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA02C; -webkit-box-shadow:4px 4px  
4px 4px #9CA02C; box-shadow:4px 4px 4px  
4px #9CA02C }
```

Background

The CSS property to change the background color of an element to Hex 9CA02C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA02C }
```

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

```
.background{ background-color:#9CA02C }
```

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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