

Converting Colors

Hex(9CA62D)

Have a look what the booklet for
Hex(9CA62D) contains.

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Color

Hex(9CA62D)

Conversions

Conversions Part 1

Format	Color
Hex	9CA62D
RGB	156, 166, 45
RGB Percent	61%, 65%, 18%
CMY	0.3882, 0.3490, 0.8235
CMYK	0.06, 0.00, 0.73, 0.35
HSL	65°, 57%, 41%
HSV	65°, 73%, 65%
XYZ	27.8202, 34.5298, 7.6813
YIQ	149.2160, 32.8810, -39.7510

Conversions

Conversions Part 2

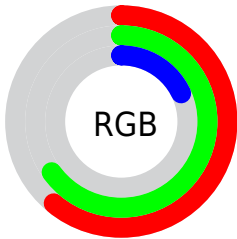
Format	Color
RYB	45, 166, 55
Decimal	10266157
CIELab	65.38, -18.80, 57.67
CIElCh	65, 60.660, 108.056
Yxy	34.5298, 0.3973, 0.4931
Android (android.graphics.Color)	4288456237 (0xFF9CA62D)
YUV	149.2160, -51.3785, 5.9496
Hunter-Lab	58.7621, -18.3250, 33.3832

Details

The Hex color **9CA62D** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **372DA6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D5DD63**, and **657200** is the 20% darker color. If you saturate the color by 10%, you get **9BA61C**, and if you desaturate by 10%, it is **9DA63E**.

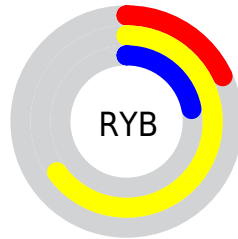
Distribution



Red (61%)

Green (65%)

Blue (18%)



Red (18%)

Yellow (65%)

Blue (22%)

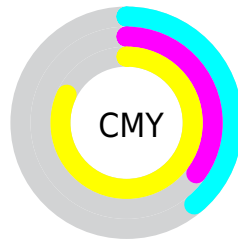


Cyan (6%)

Magenta (0%)

Yellow (73%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA62D 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 9CA62D by changing the saturation by 10% instead.



9CA62D



9CA62D

FFFFFF



808C0A



D5DD63



657200



F3F97E



4B5A00



FFFF9A



314200



FFFFB6



172C00



FFFFD2



001A00



FFFFEF



000000



9CA62D



9CA62D



9BA61C



9DA63E

 99A60C

 9FA64E

 98A600

 A0A65F

 A1A66F

 A3A680

 A4A691

 A6A6A1

 A7A6B2

 A8A6C2

Harmonies

Analogous

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



CE942D



9CA62D



5BB252

Triad

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



9CA62D



00B5EF



F76FB7

Complementary

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



9CA62D



372DA6

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.



CB82E8



9CA62D



00ABFF

Square

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



9CA62D



00B9BF



7899FF



FF6E80

Rectangle

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



9CA62D



00B674



7899FF



EC74C9

Sweetspot

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



9CA62D



D5D9A9



A6352D



6B6E51



EDEDED



6E6E6E

Same Dimension

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



9CA62D



C9D91C



61A62D



53544C



889400



131400

Inverse Universe

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



372DA6



2C1CD9



722DA6



4C4C54



0C0094



020014

Previews

White Background



This preview shows how the Hex color 9CA62D looks on a white background.

Color Contrast Check

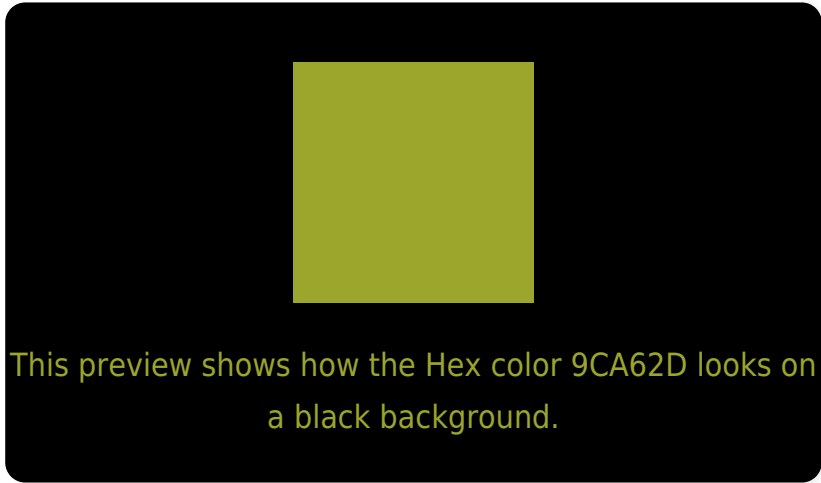
Large Text (above 18pt) WCAG AA × Fail

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

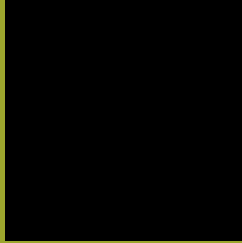
Any Text WCAG AA ✓ Pass

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 9CA62D Background



This preview shows how black text looks on a background with the Hex color 9CA62D.



This preview shows how white text looks on a background with the Hex color 9CA62D.

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](#).

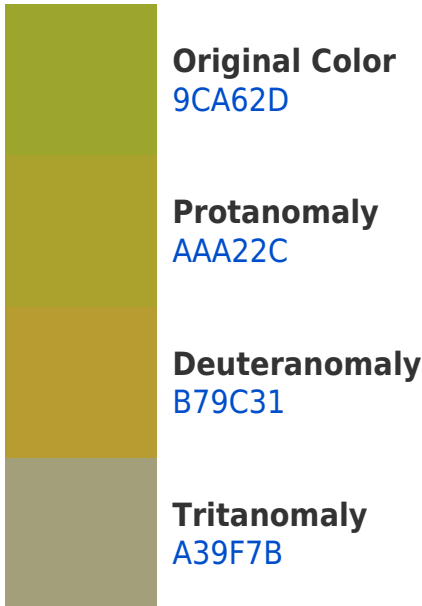
Dichromacy



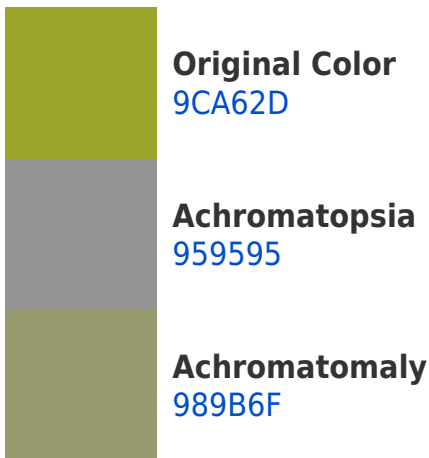


Tritanopia
A79BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA62D 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 #9CA62D looks like.

```
.text, #text, p{  
    color:#9CA62D  
}
```

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 #9CA62D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA62D
}
```

Border

The CSS property to change the border of an element to Hex 9CA62D 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
#9CA62D }
```

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

```
.border{ border-color:#9CA62D }
```

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

Here you see how a box with a 4 pixel #9CA62D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA62D; -webkit-box-shadow:4px 4px  
4px 4px #9CA62D; box-shadow:4px 4px 4px  
4px #9CA62D }
```

Background

The CSS property to change the background color of an element to Hex 9CA62D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA62D }
```

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

```
.background{ background-color:#9CA62D }
```

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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