

Converting Colors

Hex(9AC12C)

Have a look what the booklet for
Hex(9AC12C) contains.

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Color

Hex(9AC12C)

Conversions

Conversions Part 1

Format	Color
Hex	9AC12C
RGB	154, 193, 44
RGB Percent	60%, 76%, 17%
CMY	0.3961, 0.2431, 0.8275
CMYK	0.20, 0.00, 0.77, 0.24
HSL	76°, 63%, 46%
HSV	76°, 77%, 76%
XYZ	32.8510, 45.1918, 9.3743
YIQ	164.3530, 24.5850, -54.6070

Conversions

Conversions Part 2

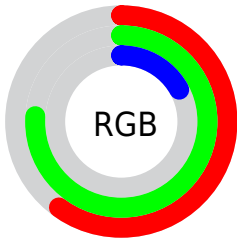
Format	Color
RYB	44, 193, 83
Decimal	10141996
CIELab	73.02, -32.81, 65.17
CIELCh	73, 72.958, 116.722
Yxy	45.1918, 0.3758, 0.5170
Android (android.graphics.Color)	4288332076 (0xFF9AC12C)
YUV	164.3530, -59.3340, -9.0796
Hunter-Lab	67.2248, -30.4152, 38.7896

Details

The Hex color **9AC12C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **532CC1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D4FA66**, and **628B00** is the 20% darker color. If you saturate the color by 10%, you get **95C119**, and if you desaturate by 10%, it is **9FC13F**.

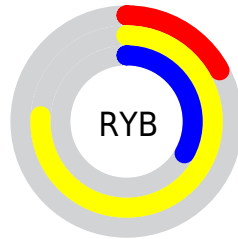
Distribution



Red (60%)

Green (76%)

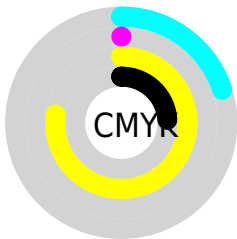
Blue (17%)



Red (17%)

Yellow (76%)

Blue (33%)

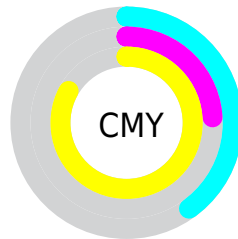


Cyan (20%)

Magenta (0%)

Yellow (77%)

Black (24%)



Cyan (40%)

Magenta (24%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AC12C 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 9AC12C by changing the saturation by 10% instead.



9AC12C



9AC12C

FFFFFF



7EA600



D4FA66



628B00



F1FF82



477200



FFFF9E



2B5900



FFFFBA



094100



FFFFD7



002B00



FFFFF4



001200



000000



9AC12C



9AC12C

 95C119

 9FC13F

 90C105

 A4C153

 8EC100

 A9C166

 AEC179

 B3C18D

 B8C1A0

 BDC1B3

 C2C1C6

 C7C1DA

Harmonies

Analogous

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



DBAE16



9AC12C



34CD66

Triad

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



9AC12C



00CCFF



FF72BD

Complementary

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



9AC12C



532CC1

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.



FD87FE



9AC12C



00BDFE

Square

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



9AC12C



00D2EE



A5A5FF



FF797B

Rectangle

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



9AC12C



00D192



A5A5FF



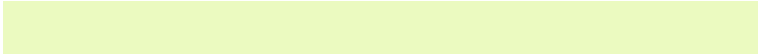
FF77D4

Sweetspot

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



9AC12C



EBFAC0



C1512C



747D5A



FCFCFC



7D7D7D

Same Dimension

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



9AC12C



BDF A11



51C12C



5E6157



77A100



182100

Inverse Universe

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



532CC1



4E11FA



9C2CC1



5A5761



2A00A1



090021

Previews

White Background



This preview shows how the Hex color 9AC12C looks on a white background.

Color Contrast Check

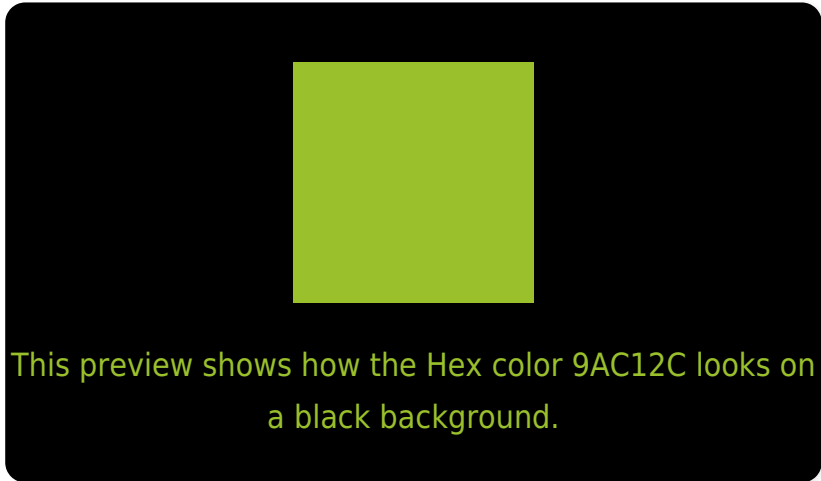
Large Text (above 18pt) WCAG AA × Fail

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 9AC12C Background



This preview shows how black text looks on a background with the Hex color 9AC12C.

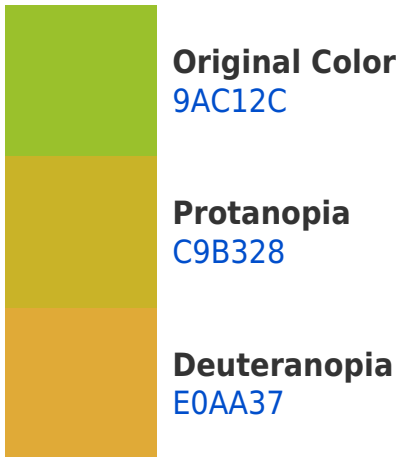


This preview shows how white text looks on a background with the Hex color 9AC12C.

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](#).

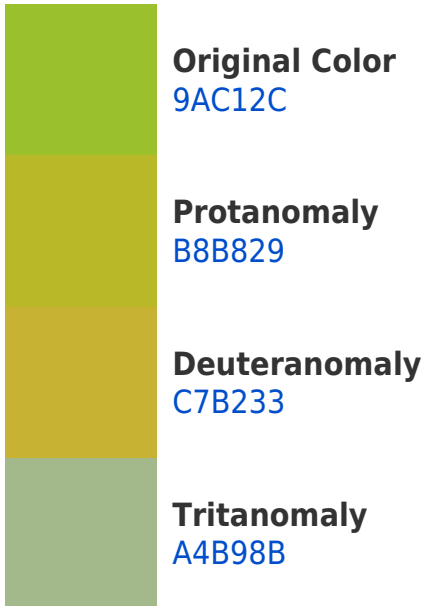
Dichromacy



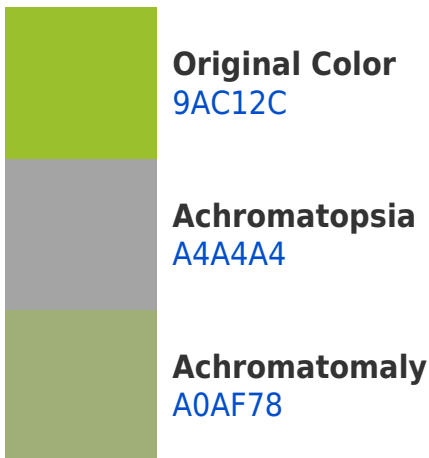


Tritanopia
AAB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AC12C 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 #9AC12C looks like.

```
.text, #text, p{  
    color:#9AC12C  
}
```

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 #9AC12C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC12C
}
```

Border

The CSS property to change the border of an element to Hex 9AC12C 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
#9AC12C }
```

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

```
.border{ border-color:#9AC12C }
```

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

Here you see how a box with a 4 pixel #9AC12C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC12C; -webkit-box-shadow:4px 4px  
4px 4px #9AC12C; box-shadow:4px 4px 4px  
4px #9AC12C }
```

Background

The CSS property to change the background color of an element to Hex 9AC12C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC12C }
```

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

```
.background{ background-color:#9AC12C }
```

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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