

Converting Colors

Hex(9CC52C)

Have a look what the booklet for
Hex(9CC52C) contains.

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Color

Hex(9CC52C)

Conversions

Conversions Part 1

Format	Color
Hex	9CC52C
RGB	156, 197, 44
RGB Percent	61%, 77%, 17%
CMY	0.3882, 0.2275, 0.8275
CMYK	0.21, 0.00, 0.78, 0.23
HSL	76°, 63%, 47%
HSV	76°, 78%, 77%
XYZ	34.1312, 47.1823, 9.6911
YIQ	167.2990, 24.6770, -56.2750

Conversions

Conversions Part 2

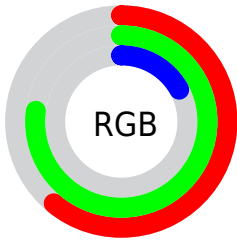
Format	Color
RYB	44, 197, 85
Decimal	10274092
CIELab	74.31, -33.86, 66.40
CIElCh	74, 74.538, 117.017
Yxy	47.1823, 0.3750, 0.5185
Android (android.graphics.Color)	4288464172 (0xFF9CC52C)
YUV	167.2990, -60.7864, -9.9092
Hunter-Lab	68.6894, -31.5112, 39.7176

Details

The Hex color **9CC52C** 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 **552CC5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D6FE66**, and **648F00** is the 20% darker color. If you saturate the color by 10%, you get **97C518**, and if you desaturate by 10%, it is **A1C540**.

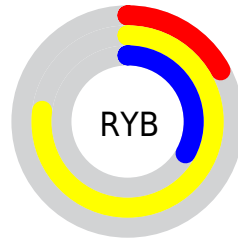
Distribution



Red (61%)

Green (77%)

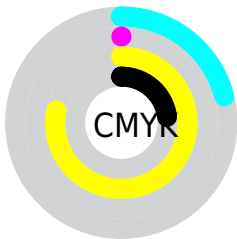
Blue (17%)



Red (17%)

Yellow (77%)

Blue (33%)

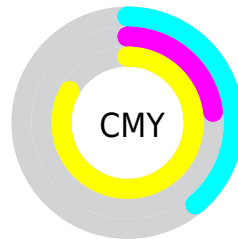


Cyan (21%)

Magenta (0%)

Yellow (78%)

Black (23%)



Cyan (39%)

Magenta (23%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CC52C 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 9CC52C by changing the saturation by 10% instead.

 9CC52C

 9CC52C

FFFFFF

 80AA00

 D6FE66

 648F00

 F4FF82

 487500

 FFFF9E

 2C5C00

 FFFFBB

 0A4400

 FFFFD8

 002E00

 FFFFF5

 001800

 000000

 9CC52C

 9CC52C

■ 97C518

■ A1C540

■ 91C505

■ A7C553

■ 90C500

■ ACC567

■ B1C57B

■ B6C58F

■ BCC5A2

■ C1C5B6

■ C6C5CA

■ CCC5DD

Harmonies

Analogous

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



DFB113



9CC52C



31D168

Triad

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



9CC52C



00D0FF



FF74C1

Complementary

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



9CC52C



552CC5

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.



FF89FF



9CC52C



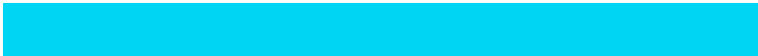
00C1FF

Square

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



9CC52C



00D6F3



A9A7FF



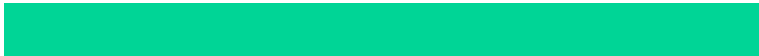
FF7B7D

Rectangle

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



9CC52C



00D596



A9A7FF



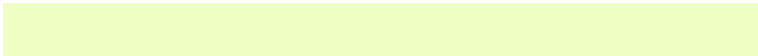
FF78D8

Sweetspot

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



9CC52C



EFFFC4



C5552C



76805C



000000



808080

Same Dimension

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



9CC52C



BFFF12



50C52C



61635A



77A300



1A2400

Inverse Universe

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



552CC5



5112FF



A12CC5



5C5A63



2C00A3



0A0024

Previews

White Background



This preview shows how the Hex color 9CC52C looks on a white background.

Color Contrast Check

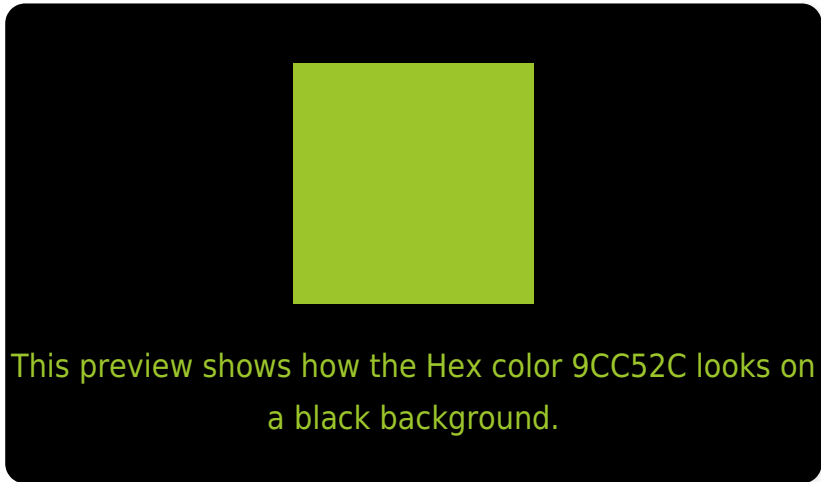
Large Text (above 18pt) WCAG AA × Fail

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 9CC52C Background



This preview shows how black text looks on a background with the Hex color 9CC52C.

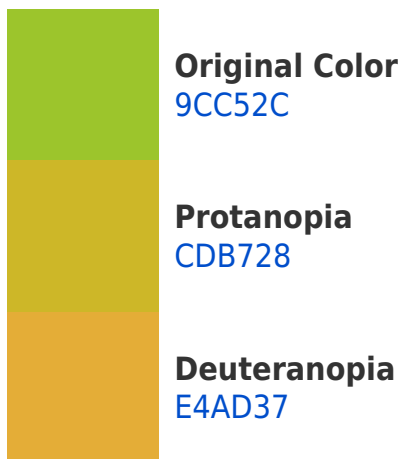


This preview shows how white text looks on a background with the Hex color 9CC52C.

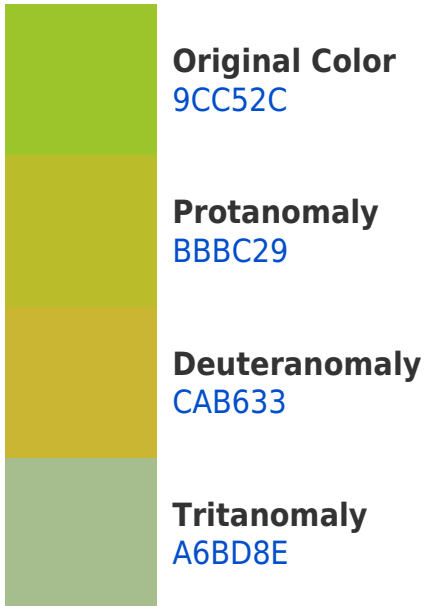
Color Blindness Simulation

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](#).

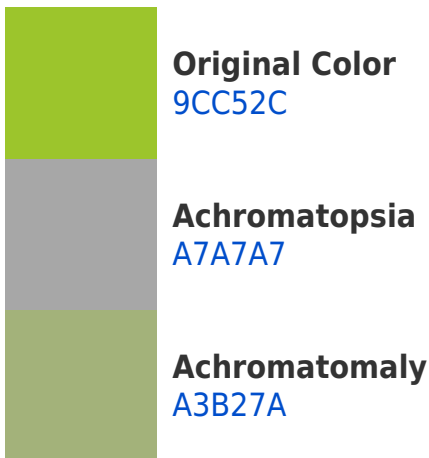
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CC52C 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 #9CC52C looks like.

```
.text, #text, p{  
    color:#9CC52C  
}
```

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 #9CC52C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC52C
}
```

Border

The CSS property to change the border of an element to Hex 9CC52C 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
#9CC52C }
```

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

```
.border{ border-color:#9CC52C }
```

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

Here you see how a box with a 4 pixel #9CC52C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC52C; -webkit-box-shadow:4px 4px  
4px 4px #9CC52C; box-shadow:4px 4px 4px  
4px #9CC52C }
```

Background

The CSS property to change the background color of an element to Hex 9CC52C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC52C }
```

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

```
.background{ background-color:#9CC52C }
```

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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