

Converting Colors

Hex(9CCA38)

Have a look what the booklet for
Hex(9CCA38) contains.

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Color

Hex(9CCA38)

Conversions

Conversions Part 1

Format	Color
Hex	9CCA38
RGB	156, 202, 56
RGB Percent	61%, 79%, 22%
CMY	0.3882, 0.2078, 0.7804
CMYK	0.23, 0.00, 0.72, 0.21
HSL	79°, 58%, 51%
HSV	79°, 72%, 79%
XYZ	35.5446, 49.5945, 11.4407
YIQ	171.6020, 19.4500, -55.1580

Conversions

Conversions Part 2

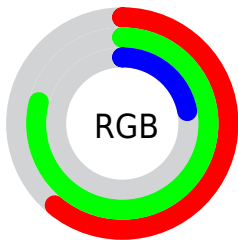
Format	Color
RYB	56, 202, 102
Decimal	10275384
CIELab	75.82, -35.54, 63.93
CIELCh	76, 73.150, 119.071
Yxy	49.5945, 0.3680, 0.5135
Android (android.graphics.Color)	4288465464 (0xFF9CCA38)
YUV	171.6020, -56.9918, -13.6830
Hunter-Lab	70.4234, -33.1469, 39.6644

Details

The Hex color **9CCA38** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6638CA**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D6FF70**, and **649400** is the 20% darker color. If you saturate the color by 10%, you get **96CA24**, and if you desaturate by 10%, it is **A2CA4C**.

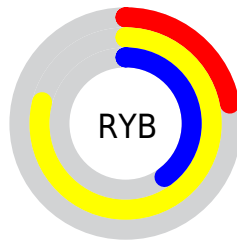
Distribution



Red (61%)

Green (79%)

Blue (22%)



Red (22%)

Yellow (79%)

Blue (40%)

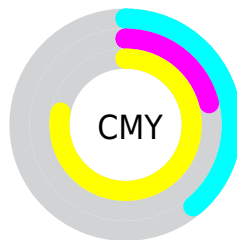


Cyan (23%)

Magenta (0%)

Yellow (72%)

Black (21%)



Cyan (39%)

Magenta (21%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CCA38 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 9CCA38 by changing the saturation by 10% instead.

 9CCA38

 9CCA38

FFFFFF

 80AE16

 D6FF70

 649400

 F3FF8C

 487A00

 FFFFA8

 2D6100

 FFFF C5

 094800

 FFFF E2

 003100

 001D00

 000000

 9CCA38

 9CCA38

■ 96CA24

■ A2CA4C

■ 8FCA10

■ A9CA60

■ 8ACA00

■ AFCA75

■ B5CA89

■ BCCA9D

■ C2CAB1

■ C9CAC5

■ CFCADA

■ D5CAEE

Harmonies

Analogous

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



DFB720



9CCA38



2FD572

Triad

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



9CCA38



00D3FF



FF7AC0

Complementary

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



9CCA38



6638CA

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.



FF8CFF



9CCA38



00C3FF

Square

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



9CCA38



00DAFB



B6AAFF



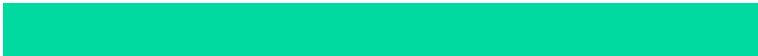
FF827D

Rectangle

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



9CCA38



00D99F



B6AAFF



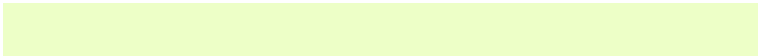
FF7DD7

Sweetspot

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



9CCA38



EDFFC7



CA6438



75805E



000000



808080

Same Dimension

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



9CCA38



B9FF21



55CA38



63665C



72A600



1A2600

Inverse Universe

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



6638CA



6721FF



AD38CA



5F5C66



3400A6



0C0026

Previews

White Background



This preview shows how the Hex color 9CCA38 looks on a white background.

Color Contrast Check

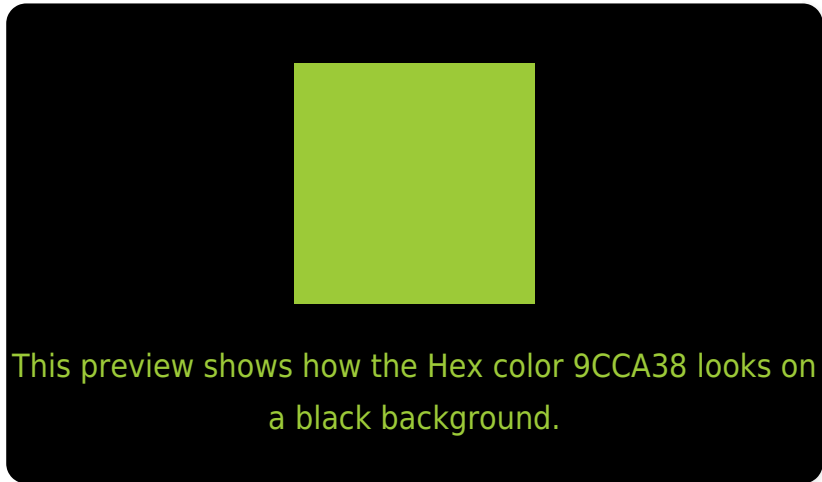
Large Text (above 18pt) WCAG AA × Fail

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 9CCA38 Background



This preview shows how black text looks on a background with the Hex color 9CCA38.

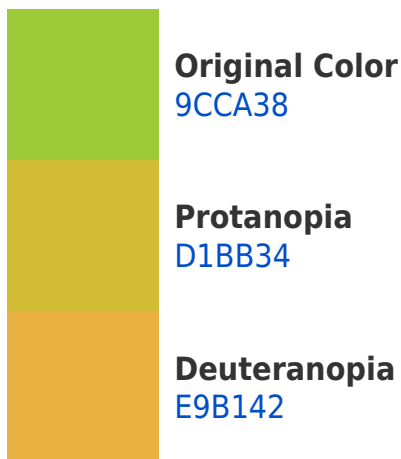


This preview shows how white text looks on a background with the Hex color 9CCA38.

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



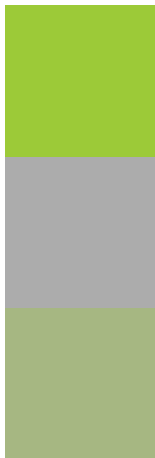
Original Color
9CCA38

Protanomaly
BEC035

Deuteranomaly
CDBA3E

Tritanomaly
A7C196

Monochromacy



Original Color
9CCA38

Achromatopsia
ACACAC

Achromatomaly
A6B782

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CCA38 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 #9CCA38 looks like.

```
.text, #text, p{  
    color:#9CCA38  
}
```

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 #9CCA38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CCA38
}
```

Border

The CSS property to change the border of an element to Hex 9CCA38 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
#9CCA38 }
```

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

```
.border{ border-color:#9CCA38 }
```

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

Here you see how a box with a 4 pixel #9CCA38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CCA38; -webkit-box-shadow:4px 4px  
4px 4px #9CCA38; box-shadow:4px 4px 4px  
4px #9CCA38 }
```

Background

The CSS property to change the background color of an element to Hex 9CCA38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CCA38 }
```

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

```
.background{ background-color:#9CCA38 }
```

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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