

Converting Colors

Hex(9AC80A)

Have a look what the booklet for
Hex(9AC80A) contains.

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Color

Hex(9AC80A)

Conversions

Conversions Part 1

Format	Color
Hex	9AC80A
RGB	154, 200, 10
RGB Percent	60%, 78%, 4%
CMY	0.3961, 0.2157, 0.9608
CMYK	0.23, 0.00, 0.95, 0.22
HSL	75°, 90%, 41%
HSV	75°, 95%, 78%
XYZ	34.0355, 48.2005, 7.7969
YIQ	164.5860, 33.5740, -68.8420

Conversions

Conversions Part 2

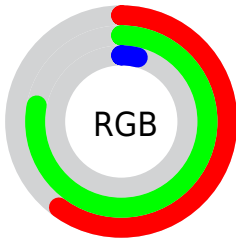
Format	Color
RYB	10, 200, 56
Decimal	10143754
CIELab	74.95, -36.97, 73.76
CIElCh	75, 82.507, 116.622
Yxy	48.2005, 0.3780, 0.5354
Android (android.graphics.Color)	4288333834 (0xFF9AC80A)
YUV	164.5860, -76.2109, -9.2839
Hunter-Lab	69.4266, -33.9892, 41.9401

Details

The Hex color **9AC80A** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **380AC8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D5FF55**, and **619200** is the 20% darker color. If you saturate the color by 10%, you get **98C800**, and if you desaturate by 10%, it is **9FC81E**.

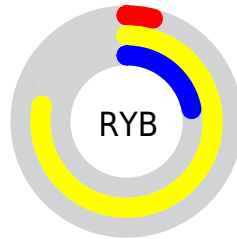
Distribution



Red (60%)

Green (78%)

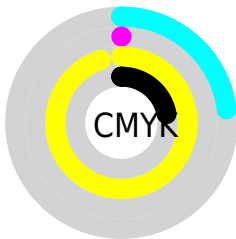
Blue (4%)



Red (4%)

Yellow (78%)

Blue (22%)

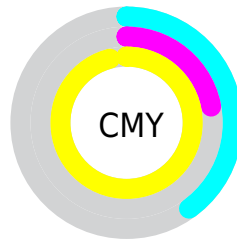


Cyan (23%)

Magenta (0%)

Yellow (95%)

Black (22%)



Cyan (40%)

Magenta (22%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AC80A 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 9AC80A by changing the saturation by 10% instead.

 9AC80A

 9AC80A

FFFFFF

 7DAD00

 D5FF55

 619200

 F2FF72

 457800

 FFFF8F

 275F00

 FFFFAC

 004700

 FFFFC9

 003000

 FFFFEE

 001A00

 000000

 9AC80A

 9AC80A

■ 98C800

■ 9FC81E

■ A4C832

■ A9C846

■ ADC85A

■ B2C86E

■ B7C882

■ BCC896

■ C1C8AA

■ C6C8BE

Harmonies

Analogous

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



E3B200



9AC80A



00D55F

Triad

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



9AC80A



00D5FF



FF69C4

Complementary

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



9AC80A



380AC8

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.



FF84FF



9AC80A



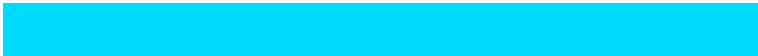
00C4FF

Square

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



9AC80A



00DBFB



A4A8FF



FF7279

Rectangle

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



9AC80A



00D993



A4A8FF



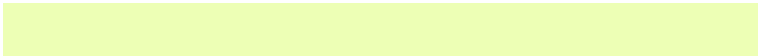
FF6FDE

Sweetspot

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



9AC80A



EDFFB5



C8360A



758053



000000



808080

Same Dimension

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



9AC80A



C1FF00



3DC80A



61635A



7CA300



1B2400

Inverse Universe

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



380AC8



3E00FF



950AC8



5C5A63



2800A3



090024

Previews

White Background



This preview shows how the Hex color 9AC80A looks on a white background.

Color Contrast Check

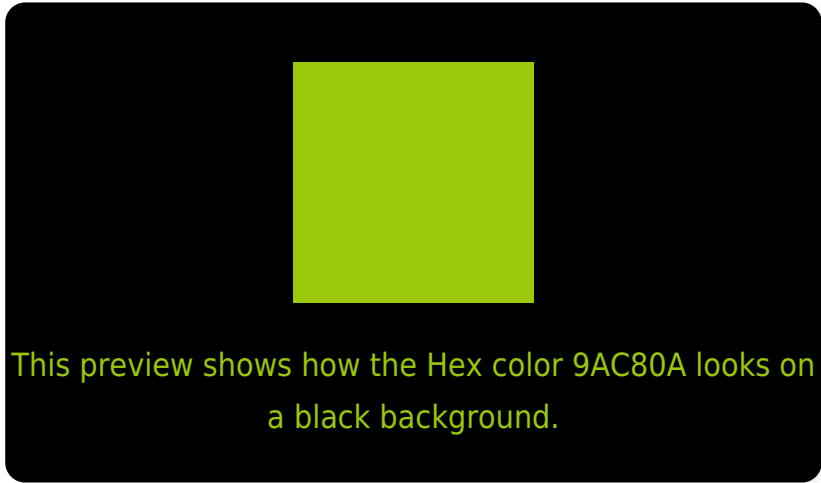
Large Text (above 18pt) WCAG AA × Fail

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 9AC80A Background



This preview shows how black text looks on a background with the Hex color 9AC80A.



This preview shows how white text looks on a background with the Hex color 9AC80A.

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



Original Color
9AC80A

Protanopia
D0B800

Deuteranopia
E8AE25

Trichromacy



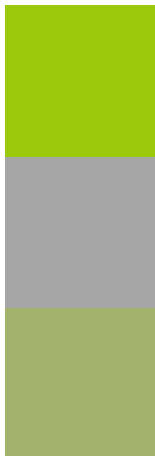
Original Color
9AC80A

Protanomaly
BCBE04

Deuteranomaly
CCB71B

Tritanomaly
A5BF84

Monochromacy



Original Color
9AC80A

Achromatopsia
A5A5A5

Achromatomaly
A1B26D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AC80A 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 #9AC80A looks like.

```
.text, #text, p{  
    color:#9AC80A  
}
```

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 #9AC80A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC80A
}
```

Border

The CSS property to change the border of an element to Hex 9AC80A 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
#9AC80A }
```

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

```
.border{ border-color:#9AC80A }
```

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

Here you see how a box with a 4 pixel #9AC80A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC80A; -webkit-box-shadow:4px 4px  
4px 4px #9AC80A; box-shadow:4px 4px 4px  
4px #9AC80A }
```

Background

The CSS property to change the background color of an element to Hex 9AC80A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC80A }
```

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

```
.background{ background-color:#9AC80A }
```

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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