

Converting Colors

Hex(9AC70B)

Have a look what the booklet for
Hex(9AC70B) contains.

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Color

Hex(9AC70B)

Conversions

Conversions Part 1

Format	Color
Hex	9AC70B
RGB	154, 199, 11
RGB Percent	60%, 78%, 4%
CMY	0.3961, 0.2196, 0.9569
CMYK	0.23, 0.00, 0.94, 0.22
HSL	74°, 90%, 41%
HSV	74°, 94%, 78%
XYZ	33.8103, 47.7410, 7.7496
YIQ	164.1130, 33.5280, -68.0080

Conversions

Conversions Part 2

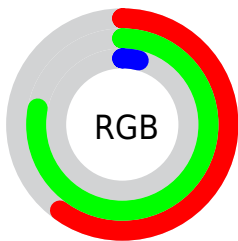
Format	Color
RYB	11, 199, 56
Decimal	10143499
CIELab	74.66, -36.51, 73.43
CIELCh	75, 82.003, 116.435
Yxy	47.7410, 0.3786, 0.5346
Android (android.graphics.Color)	4288333579 (0xFF9AC70B)
YUV	164.1130, -75.4847, -8.8691
Hunter-Lab	69.0949, -33.5705, 41.7166

Details

The Hex color **9AC70B** 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 **380BC7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D4FF55**, and **619100** is the 20% darker color. If you saturate the color by 10%, you get **97C700**, and if you desaturate by 10%, it is **9FC71F**.

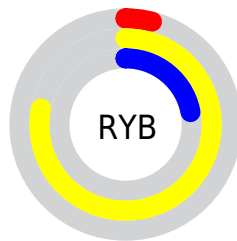
Distribution



Red (60%)

Green (78%)

Blue (4%)



Red (4%)

Yellow (78%)

Blue (22%)

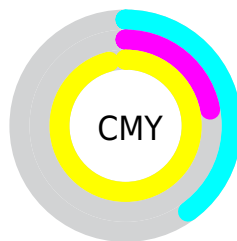


Cyan (23%)

Magenta (0%)

Yellow (94%)

Black (22%)



Cyan (40%)

Magenta (22%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AC70B 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 9AC70B by changing the saturation by 10% instead.

 9AC70B

 9AC70B

FFFFFF

 7DAC00

 D4FF55

 619100

 F2FF72

 457700

 FFFF8F

 275E00

 FFFFAC

 004600

 FFFFC9

 002F00

 FFFFEE

 001900

 000000

 9AC70B

 9AC70B

 97C700

 9FC71F

 A4C733

 A8C747

 ADC75B

 B2C76F

 B7C782

 BBC796

 C0C7AA

 C5C7BE

Harmonies

Analogous

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



E3B100



9AC70B



00D45F

Triad

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



9AC70B



00D4FF



FF69C4

Complementary

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



9AC70B



380BC7

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



9AC70B



00C4FF

Square

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



9AC70B



00DAF9



A3A8FF



FF7279

Rectangle

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



9AC70B



00D892



A3A8FF



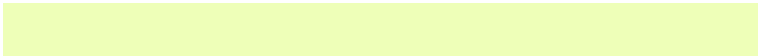
FF6FDD

Sweetspot

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



9AC70B



EEFFB8



C7370B



758054



000000



808080

Same Dimension

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



9AC70B



C2FF00



3DC70B



61635A



7CA300



1B2400

Inverse Universe

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



380BC7



3D00FF



950BC7



5C5A63



2700A3



090024

Previews

White Background



This preview shows how the Hex color 9AC70B looks on a white background.

Color Contrast Check

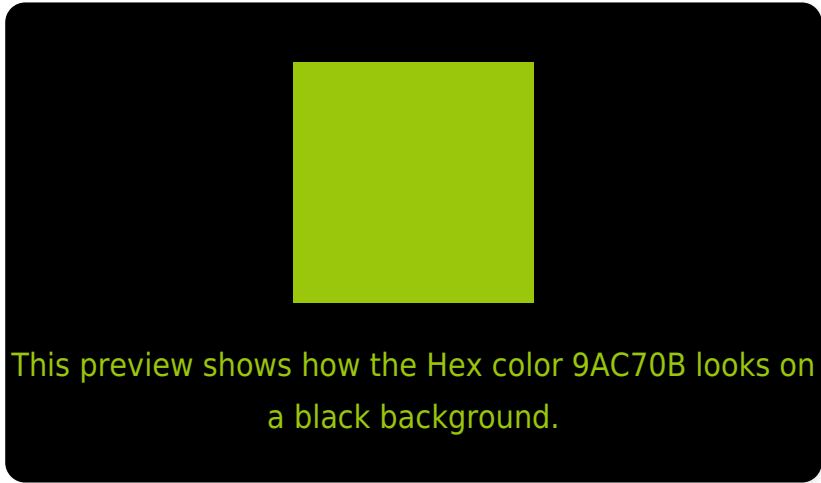
Large Text (above 18pt) WCAG AA × Fail

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 9AC70B Background



This preview shows how black text looks on a background with the Hex color 9AC70B.



This preview shows how white text looks on a background with the Hex color 9AC70B.

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
9AC70B

Protanopia
CFB800

Deuteranopia
E7AE25



Tritanopia
ABB9C8

Trichromacy



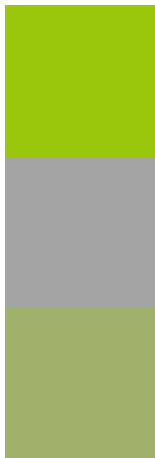
Original Color
9AC70B

Protanomaly
BCBD04

Deuteranomaly
CBB71C

Tritanomaly
A5BE83

Monochromacy



Original Color
9AC70B

Achromatopsia
A4A4A4

Achromatomaly
A0B16C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AC70B 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 #9AC70B looks like.

```
.text, #text, p{  
    color:#9AC70B  
}
```

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 #9AC70B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC70B
}
```

Border

The CSS property to change the border of an element to Hex 9AC70B 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
#9AC70B }
```

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

```
.border{ border-color:#9AC70B }
```

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

Here you see how a box with a 4 pixel #9AC70B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC70B; -webkit-box-shadow:4px 4px  
4px 4px #9AC70B; box-shadow:4px 4px 4px  
4px #9AC70B }
```

Background

The CSS property to change the background color of an element to Hex 9AC70B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC70B }
```

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

```
.background{ background-color:#9AC70B }
```

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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