

# Converting Colors

Hex(9AC631)

Have a look what the booklet for  
Hex(9AC631) contains.

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**Color**

**Hex(9AC631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AC631
RGB	154, 198, 49
RGB Percent	60%, 78%, 19%
CMY	0.3961, 0.2235, 0.8078
CMYK	0.22, 0.00, 0.75, 0.22
HSL	78°, 60%, 48%
HSV	78°, 75%, 78%
XYZ	34.0749, 47.4799, 10.2743
YIQ	167.8580, 21.6050, -55.6670

# Conversions

## Conversions Part 2

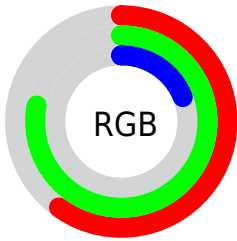
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 198, 93
Decimal	10143281
CIE <sub>Lab</sub>	74.50, -34.87, 64.97
CIE <sub>LCh</sub>	74, 73.740, 118.222
Yxy	47.4799, 0.3711, 0.5170
Android (android.graphics.Color)	4288333361 (0xFF9AC631)
YUV	167.8580, -58.5970, -12.1535
Hunter-Lab	68.9057, -32.3141, 39.3934

# Details

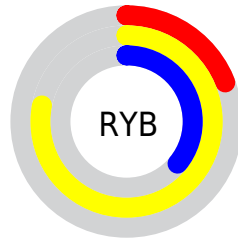
The Hex color **9AC631** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5D31C6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D4FF6A**, and **629000** is the 20% darker color. If you saturate the color by 10%, you get **94C61D**, and if you desaturate by 10%, it is **A0C645**.

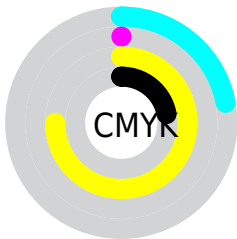
# Distribution



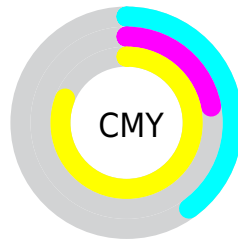
- Red (60%)
- Green (78%)
- Blue (19%)



- Red (19%)
- Yellow (78%)
- Blue (36%)



- Cyan (22%)
- Magenta (0%)
- Yellow (75%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AC631 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 9AC631 by changing the saturation by 10% instead.



 9AC631

 9AC631

FFFFFF

 7EAB08

 D4FF6A

 629000

 F1FF86

 467600

 FFFFA2

 2B5D00

 FFFFBE

 064500

 FFFFDB

 002E00

 FFFFF9

 001800

 000000

 9AC631

 9AC631

■ 94C61D

■ A0C645

■ 8EC609

■ A6C659

■ 8CC600

■ ACC66C

■ B1C680

■ B7C694

■ BDC6A8

■ C3C6BC

■ C9C6CF

■ CFC6E3

# Harmonies

## Analogous

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



DDB318



9AC631



2CD26C

# Triad

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



9AC631



00D0FF



FF75BE

# Complementary

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



9AC631



5D31C6

# 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



9AC631



00C0FF

# Square

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



9AC631



00D7F6



AFA7FF



FF7D7B

# Rectangle

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



9AC631



00D699



AFA7FF



FF79D5

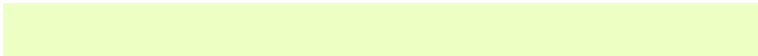


# Sweetspot

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



9AC631



EEFFC4



C65B31



75805C



000000



808080



# Same Dimension

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



9AC631



BBFF19



51C631



61635A



73A300



192400



# Inverse Universe

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



5D31C6



5D19FF



A631C6



5C5A63



3000A3



0B0024



# Previews

## White Background



This preview shows how the Hex color 9AC631 looks on a white background.

## Color Contrast Check

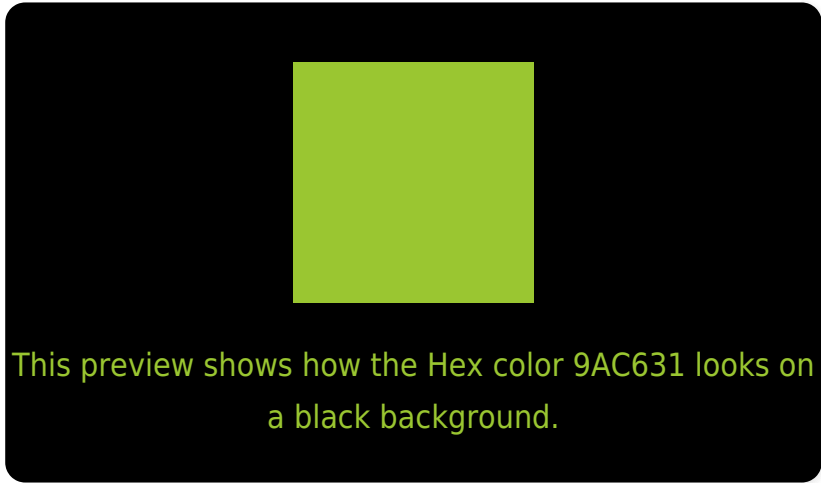
Large Text (above 18pt) WCAG AA × Fail

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 9AC631 Background



This preview shows how black text looks on a background with the Hex color 9AC631.

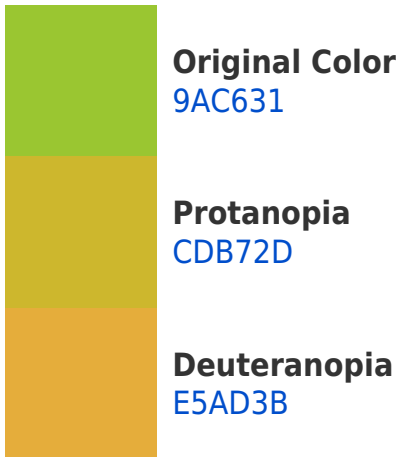


This preview shows how white text looks on a background with the Hex color 9AC631.

# 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**  
AAB9C7

# Trichromacy



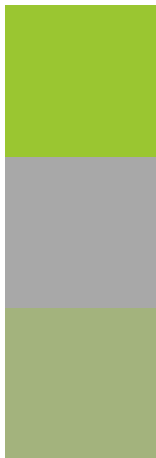
**Original Color**  
9AC631

**Protanomaly**  
BABC2E

**Deuteranomaly**  
CAB637

**Tritanomaly**  
A4BE90

# Monochromacy



**Original Color**  
9AC631

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A3B37D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AC631 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 #9AC631 looks like.

```
.text, #text, p{  
    color:#9AC631  
}
```

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 #9AC631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC631
}
```

## Border

The CSS property to change the border of an element to Hex 9AC631 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
#9AC631 }
```

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

```
.border{ border-color:#9AC631 }
```

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

Here you see how a box with a 4 pixel #9AC631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC631; -webkit-box-shadow:4px 4px  
4px 4px #9AC631; box-shadow:4px 4px 4px  
4px #9AC631 }
```

# Background

The CSS property to change the background color of an element to Hex 9AC631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC631 }
```

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

```
.background{ background-color:#9AC631 }
```

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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