

# Converting Colors

Hex(A9C846)

Have a look what the booklet for  
Hex(A9C846) contains.

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**Color**

**Hex(A9C846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9C846
RGB	169, 200, 70
RGB Percent	66%, 78%, 27%
CMY	0.3373, 0.2157, 0.7255
CMYK	0.16, 0.00, 0.65, 0.22
HSL	74°, 54%, 53%
HSV	74°, 65%, 78%
XYZ	38.1220, 50.1858, 13.4719
YIQ	175.9110, 23.2540, -47.0020

# Conversions

## Conversions Part 2

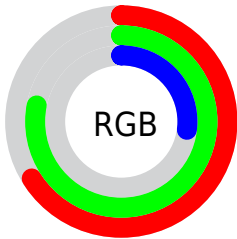
Format	Color
<b>RYB</b>	70, 200, 101
Decimal	11126854
CIELab	76.18, -28.61, 59.28
CIELCh	76, 65.818, 115.761
Yxy	50.1858, 0.3746, 0.4931
Android (android.graphics.Color)	4289316934 (0xFFA9C846)
YUV	175.9110, -52.2141, -6.0609
Hunter-Lab	70.8419, -27.9177, 38.3142

# Details

The Hex color **A9C846** 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 **6546C8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E3FF7C**, and **719201** is the 20% darker color. If you saturate the color by 10%, you get **A4C832**, and if you desaturate by 10%, it is **AEC85A**.

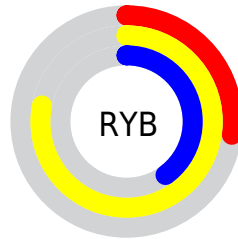
# Distribution



Red (66%)

Green (78%)

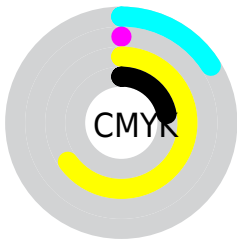
Blue (27%)



Red (27%)

Yellow (78%)

Blue (40%)

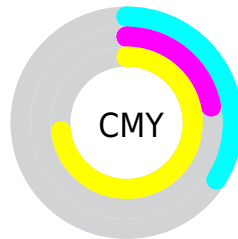


Cyan (16%)

Magenta (0%)

Yellow (65%)

Black (22%)



Cyan (34%)

Magenta (22%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9C846 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 A9C846 by changing the saturation by 10% instead.





A9C846



A9C846

FFFFFF



8DAD29



E3FF7C



719201



FFFF98



567800



FFFFB4



3C5F00



FFFFD0



204700



FFFFED



003100



001E00



000000



A9C846



A9C846

 A4C832

 AEC85A

 9FC81E

 B3C86E

 9BC80A

 B7C882

 98C800

 BCC896

 C1C8AA

 C6C8BE

 CAC8D2

 CFC8E6

 D4C8FA

# Harmonies

## Analogous

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



E4B63A



A9C846



59D374

# Triad

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



A9C846



00D3FF



FF85C7

# Complementary

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



A9C846



6546C8

# 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.



FE96FF



A9C846



00C5FF

# Square

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



A9C846



00D9EF



AFAFFF



FF8A8B

# Rectangle

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



A9C846



00D89C



AFAFFF



FF89DB

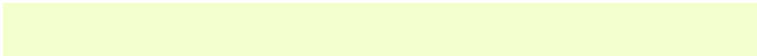


# Sweetspot

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



A9C846



F3FFCC



C86446



788061



000000



808080



# Same Dimension

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



A9C846



D0FF38



69C846



61635A



7CA300



1B2400



# Inverse Universe

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



6546C8



6838FF



A546C8



5C5A63



2700A3



090024



# Previews

## White Background



This preview shows how the Hex color A9C846 looks on a white background.

## Color Contrast Check

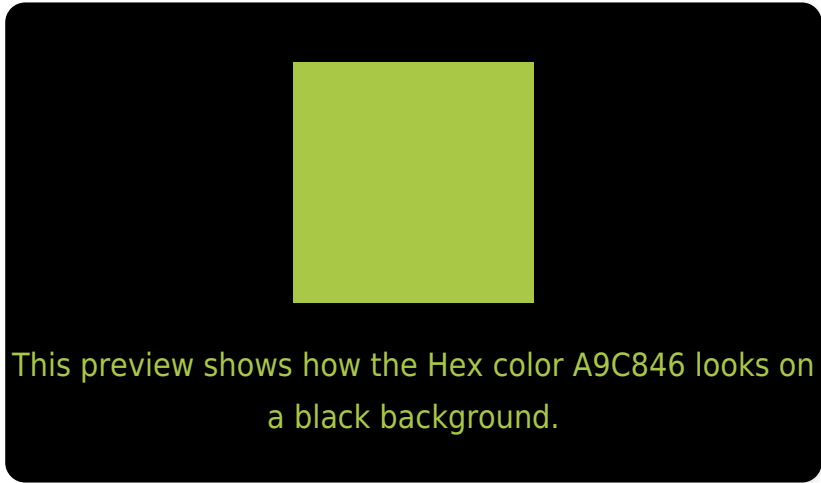
Large Text (above 18pt) WCAG AA × Fail

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 A9C846 Background



This preview shows how black text looks on a background with the Hex color A9C846.

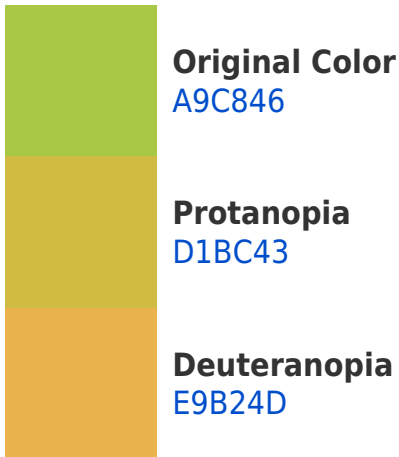


This preview shows how white text looks on a background with the Hex color A9C846.

# 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**  
B8BBCA

# Trichromacy



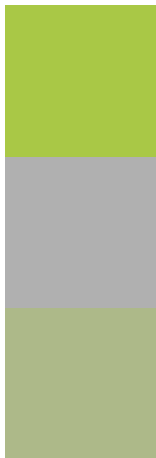
**Original Color**  
A9C846

**Protanomaly**  
C2C044

**Deuteranomaly**  
D2BA4A

**Tritanomaly**  
B3C09A

# Monochromacy



**Original Color**  
A9C846

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
ADB989

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9C846 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 #A9C846 looks like.

```
.text, #text, p{  
    color:#A9C846  
}
```

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 #A9C846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9C846
}
```

## Border

The CSS property to change the border of an element to Hex A9C846 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
#A9C846 }
```

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

```
.border{ border-color:#A9C846 }
```

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

Here you see how a box with a 4 pixel #A9C846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9C846; -webkit-box-shadow:4px 4px  
4px 4px #A9C846; box-shadow:4px 4px 4px  
4px #A9C846 }
```

# Background

The CSS property to change the background color of an element to Hex A9C846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9C846 }
```

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

```
.background{ background-color:#A9C846 }
```

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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