

# Converting Colors

Hex(A8C03B)

Have a look what the booklet for  
Hex(A8C03B) contains.

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**Color**

**Hex(A8C03B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8C03B
RGB	168, 192, 59
RGB Percent	66%, 75%, 23%
CMY	0.3412, 0.2471, 0.7686
CMYK	0.12, 0.00, 0.69, 0.25
HSL	71°, 53%, 49%
HSV	71°, 69%, 75%
XYZ	35.7875, 46.3399, 11.1960
YIQ	169.6620, 28.3890, -46.4510

# Conversions

## Conversions Part 2

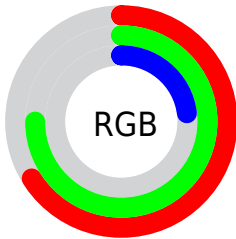
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 192, 83
Decimal	11059259
CIELab	73.77, -25.87, 61.07
CIELCh	74, 66.324, 112.958
Yxy	46.3399, 0.3835, 0.4966
Android (android.graphics.Color)	4289249339 (0xFFA8C03B)
YUV	169.6620, -54.5564, -1.4576
Hunter-Lab	68.0734, -25.2875, 37.9000

# Details

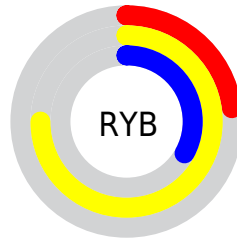
The Hex color **A8C03B** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **533BC0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E2F872**, and **708B00** is the 20% darker color. If you saturate the color by 10%, you get **A5C028**, and if you desaturate by 10%, it is **ABC04E**.

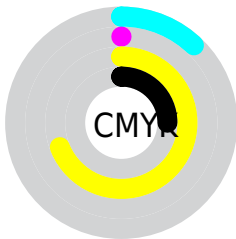
# Distribution



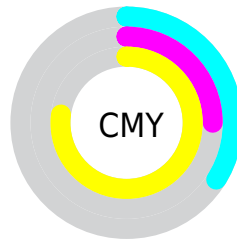
- Red (66%)
- Green (75%)
- Blue (23%)



- Red (23%)
- Yellow (75%)
- Blue (33%)



- Cyan (12%)
- Magenta (0%)
- Yellow (69%)
- Black (25%)



- Cyan (34%)
- Magenta (25%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8C03B 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 A8C03B by changing the saturation by 10% instead.





A8C03B



A8C03B

FFFFFF



8CA51C



E2F872



708B00



FFFF8D



557100



FFFFA9



3B5800



FFFFC6



1F4100



FFFFE2



022B00



001600



000000



A8C03B



A8C03B

 A5C028

 ABC04E

 A1C015

 AFC061

 9EC001

 B2C075

 9DC000

 B6C088

 B9C09B

 BDC0AE

 C0C0C1

 C4C0D5

 C7C0E8

# Harmonies

## Analogous

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



E2AD33



A8C03B



5ACC68

# Triad

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



A8C03B



00CFFF



FF7EC6

# Complementary

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



A8C03B



533BC0

# 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.



F191FF



A8C03B



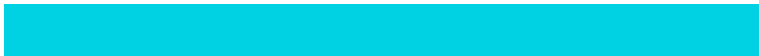
00C0FF

# Square

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



A8C03B



00D2E3



9DABFF



FF8189

# Rectangle

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



A8C03B



00D08F



9DABFF



FF83DA

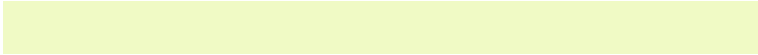


# Sweetspot

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



A8C03B



F0FAC5



C0513B



777D5E



FCFCFC



7D7D7D



# Same Dimension

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



A8C03B



D4FA2A



67C03B



5F6157



84A100



1B2100



# Inverse Universe

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



533BC0



502AFA



943BC0



595761



1D00A1



060021



# Previews

## White Background



This preview shows how the Hex color A8C03B looks on a white background.

## Color Contrast Check

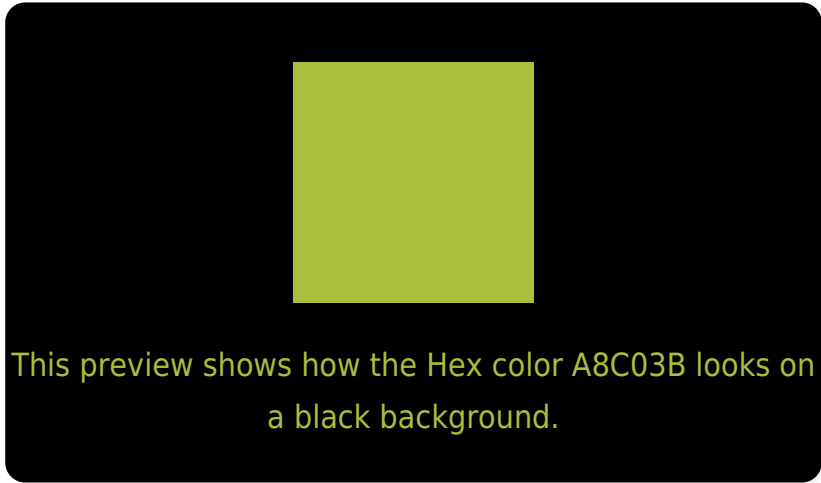
Large Text (above 18pt) WCAG AA × Fail

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 A8C03B Background



This preview shows how black text looks on a background with the Hex color A8C03B.

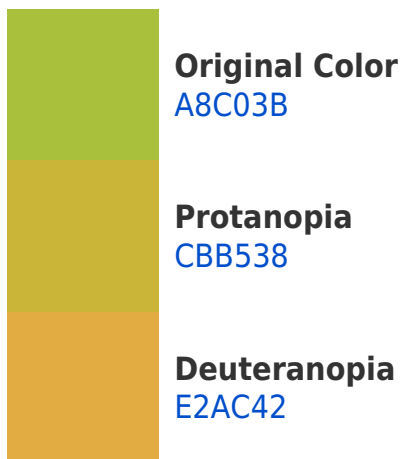


This preview shows how white text looks on a background with the Hex color A8C03B.

# 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](#).

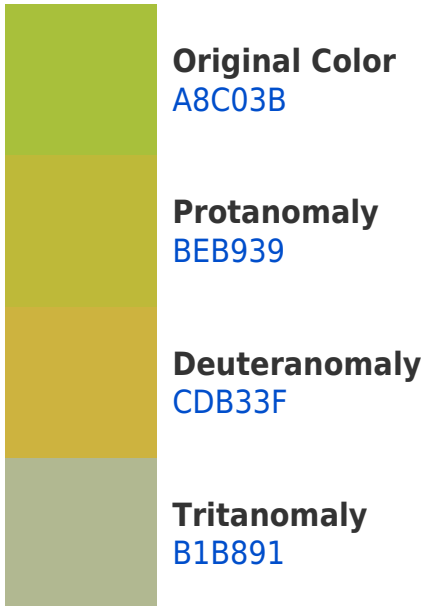
## Dichromacy



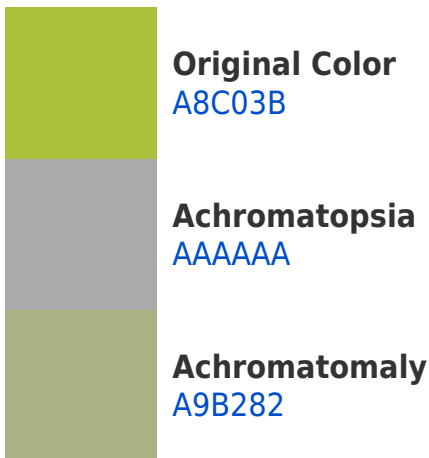


**Tritanopia**  
B6B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8C03B 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 #A8C03B looks like.

```
.text, #text, p{  
    color:#A8C03B  
}
```

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 #A8C03B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C03B
}
```

## Border

The CSS property to change the border of an element to Hex A8C03B 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
#A8C03B }
```

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

```
.border{ border-color:#A8C03B }
```

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

Here you see how a box with a 4 pixel #A8C03B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C03B; -webkit-box-shadow:4px 4px  
4px 4px #A8C03B; box-shadow:4px 4px 4px  
4px #A8C03B }
```

# Background

The CSS property to change the background color of an element to Hex A8C03B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C03B }
```

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

```
.background{ background-color:#A8C03B }
```

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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