

# Converting Colors

Hex(A3BB4E)

Have a look what the booklet for  
Hex(A3BB4E) contains.

<b>Hex(A3BB4E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A3BB4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3BB4E
RGB	163, 187, 78
RGB Percent	64%, 73%, 31%
CMY	0.3608, 0.2667, 0.6941
CMYK	0.13, 0.00, 0.58, 0.27
HSL	73°, 44%, 52%
HSV	73°, 58%, 73%
XYZ	34.2497, 43.8772, 13.8717
YIQ	167.3980, 20.6850, -38.9870

# Conversions

## Conversions Part 2

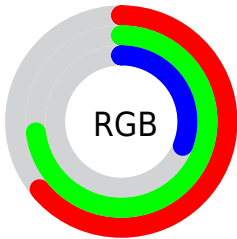
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 187, 102
Decimal	10730318
CIELab	72.15, -24.14, 51.34
CIELCh	72, 56.732, 115.181
Yxy	43.8772, 0.3723, 0.4769
Android (android.graphics.Color)	4288920398 (0xFFA3BB4E)
YUV	167.3980, -44.0732, -3.8570
Hunter-Lab	66.2399, -23.6253, 33.9516

# Details

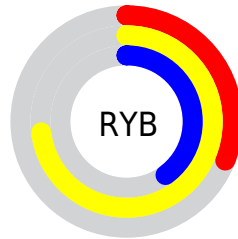
The Hex color **A3BB4E** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **664EBB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DCF383**, and **6D8617** is the 20% darker color. If you saturate the color by 10%, you get **9FBB3B**, and if you desaturate by 10%, it is **A7BB61**.

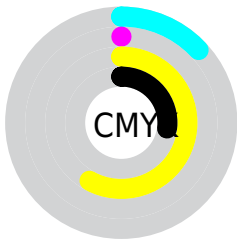
# Distribution



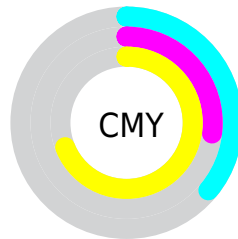
- Red (64%)
- Green (73%)
- Blue (31%)



- Red (31%)
- Yellow (73%)
- Blue (40%)



- Cyan (13%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3BB4E 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 A3BB4E by changing the saturation by 10% instead.





A3BB4E



A3BB4E

FFFFFF



87A034



DCF383



6D8617



F9FF9E



526C00



FFFFBA



395400



FFFFD6



1F3D00



FFFFF3



012700



000E00



000000



A3BB4E



A3BB4E

9FBB3B

A7BB61

9BBB29

ABBB73

97BB16

AFBB86

93BB03

B3BB99

92BB00

B8BBAC

BCBBBE

C0BBD1

C4BBE4

C8BBF6

# Harmonies

## Analogous

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



D6AB45



A3BB4E



62C573

# Triad

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



A3BB4E



00C5FF



FF84BB

# Complementary

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



A3BB4E



664EBB

# 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.



E992ED



A3BB4E



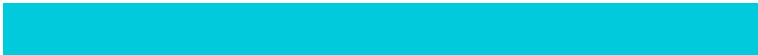
1CB9FF

# Square

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



A3BB4E



00CADB



A6A7FF



FF8788

# Rectangle

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



A3BB4E



00C995



A6A7FF



FF87CD



# Sweetspot

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



A3BB4E



E9F2C9



BB664E



757A62



FAFAFA



7A7A7A



# Same Dimension

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



A3BB4E



CDF249



6DBB4E



5C5E55



7B9E00



181F00



# Inverse Universe

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



664EBB



6E49F2



9C4EBB



57555E



23009E



07001F



# Previews

## White Background



This preview shows how the Hex color A3BB4E looks on a white background.

## Color Contrast Check

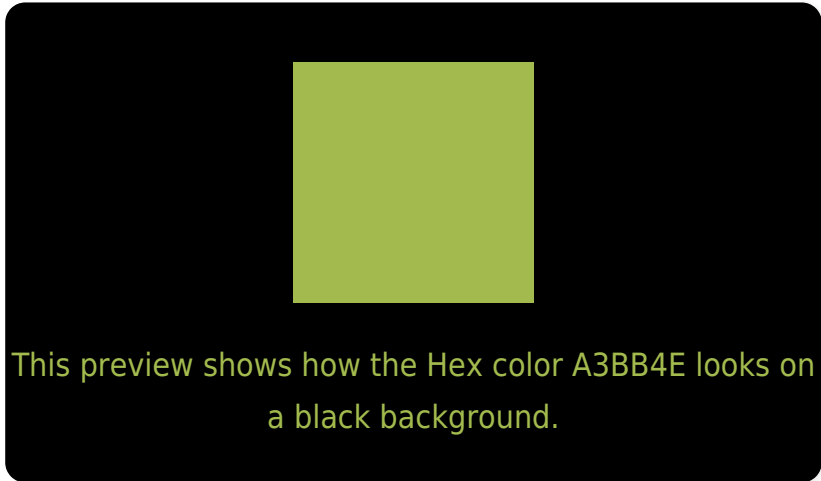
Large Text (above 18pt) WCAG AA × Fail

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 A3BB4E Background



This preview shows how black text looks on a background with the Hex color A3BB4E.



This preview shows how white text looks on a background with the Hex color A3BB4E.

# 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**  
A3BB4E

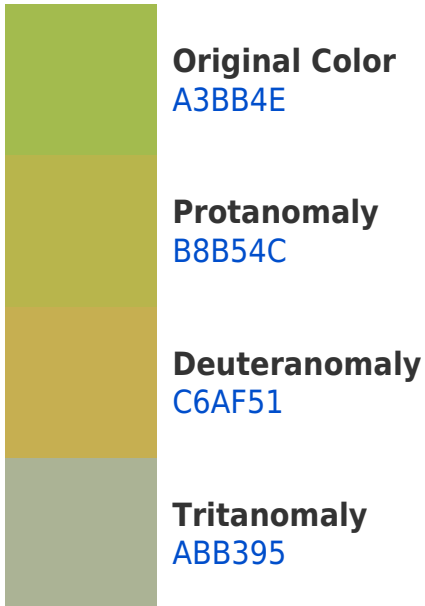
**Protanopia**  
C4B14B

**Deuteranopia**  
DAA853

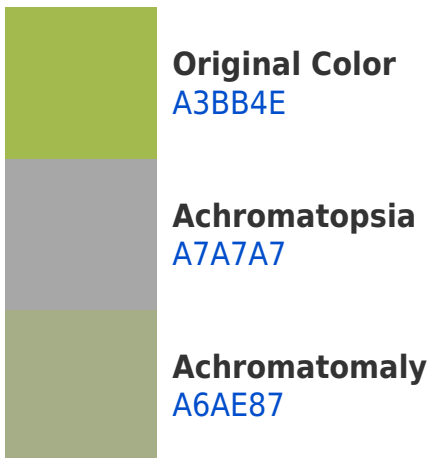


**Tritanopia**  
B0AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3BB4E 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 #A3BB4E looks like.

```
.text, #text, p{  
    color:#A3BB4E  
}
```

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 #A3BB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3BB4E
}
```

## Border

The CSS property to change the border of an element to Hex A3BB4E 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
#A3BB4E }
```

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

```
.border{ border-color:#A3BB4E }
```

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

Here you see how a box with a 4 pixel #A3BB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3BB4E; -webkit-box-shadow:4px 4px  
4px 4px #A3BB4E; box-shadow:4px 4px 4px  
4px #A3BB4E }
```

# Background

The CSS property to change the background color of an element to Hex A3BB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3BB4E }
```

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

```
.background{ background-color:#A3BB4E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor