

# Converting Colors

Hex(A6B34C)

Have a look what the booklet for  
Hex(A6B34C) contains.

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**Color**

**Hex(A6B34C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6B34C
RGB	166, 179, 76
RGB Percent	65%, 70%, 30%
CMY	0.3490, 0.2980, 0.7020
CMYK	0.07, 0.00, 0.58, 0.30
HSL	68°, 40%, 50%
HSV	68°, 58%, 70%
XYZ	33.1505, 40.8690, 12.9788
YIQ	163.3710, 25.3150, -34.7890

# Conversions

## Conversions Part 2

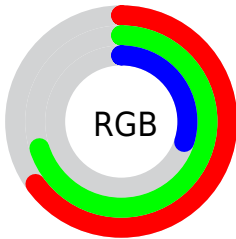
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 179, 89
Decimal	10924876
CIELab	70.08, -19.10, 49.99
CIELCh	70, 53.516, 110.907
Yxy	40.8690, 0.3810, 0.4698
Android (android.graphics.Color)	4289114956 (0xFFA6B34C)
YUV	163.3710, -43.0739, 2.3056
Hunter-Lab	63.9289, -19.3138, 32.7132

# Details

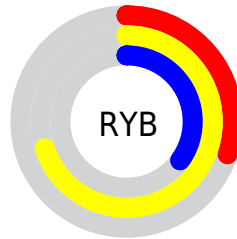
The Hex color **A6B34C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **594CB3**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **DFEB80**, and **707E16** is the 20% darker color. If you saturate the color by 10%, you get **A4B33A**, and if you desaturate by 10%, it is **A8B35E**.

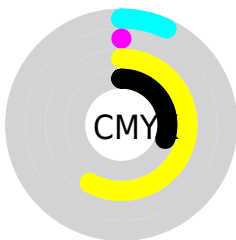
# Distribution



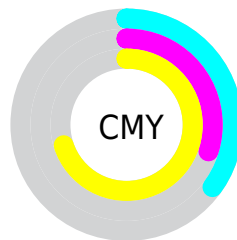
- Red (65%)
- Green (70%)
- Blue (30%)



- Red (30%)
- Yellow (70%)
- Blue (35%)



- Cyan (7%)
- Magenta (0%)
- Yellow (58%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6B34C 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 A6B34C by changing the saturation by 10% instead.



 A6B34C

 A6B34C

FFFFFF

 8A9832

 DFEB80

 707E16

 FCFF9B

 556500

 FFFFB7

 3C4D00

 FFFFDD

 223700

 FFFFF0

 062100

 000100

 000000

 A6B34C

 A6B34C

 A4B33A

 A8B35E

 A1B328

 ABB370

 9FB316

 ADB382

 9DB304

 AFB394

 9CB300

 B1B3A5

 B4B3B7

 B6B3C9

 B8B3DB

 BAB3ED

# Harmonies

## Analogous

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



D4A448



A6B34C



6CBD6C

# Triad

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



A6B34C



00BFF6



FD83BC

# Complementary

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



A6B34C



594CB3

# 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.



D991E9



A6B34C



00B5FF

# Square

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



A6B34C



00C4CC



96A4FF



FF848B

# Rectangle

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



A6B34C



31C28A



96A4FF



F486CC



# Sweetspot

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



A6B34C



E3E8C1



B3584C



72755E



F5F5F5



757575



# Same Dimension

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



A6B34C



D4E848



73B34C



585950



869900



161A00



# Inverse Universe

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



594CB3



5C48E8



8C4CB3



515059



130099



03001A



# Previews

## White Background



This preview shows how the Hex color A6B34C looks on a white background.

## Color Contrast Check

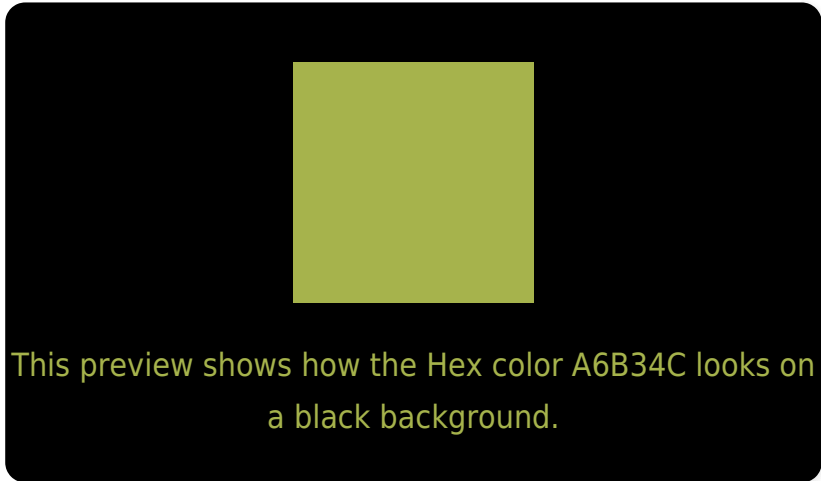
Large Text (above 18pt) WCAG AA × Fail

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

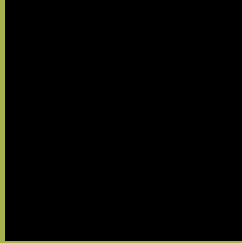
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6B34C Background



This preview shows how black text looks on a background with the Hex color A6B34C.

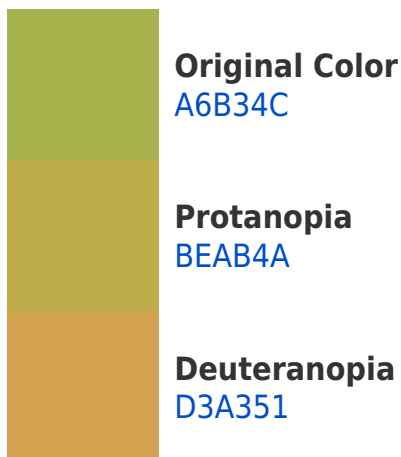


This preview shows how white text looks on a background with the Hex color A6B34C.

# 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](#).

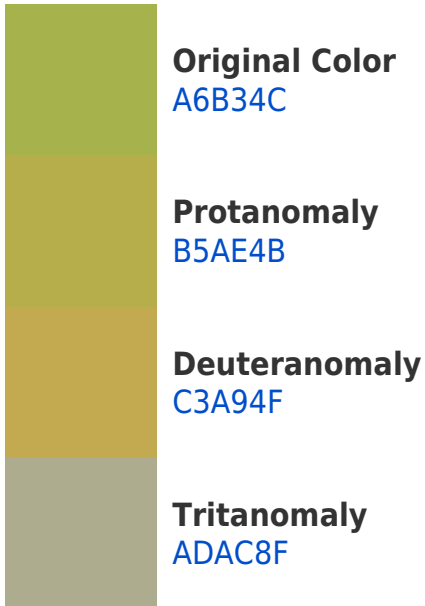
## Dichromacy





**Tritanopia**  
B1A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6B34C 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 #A6B34C looks like.

```
.text, #text, p{  
    color:#A6B34C  
}
```

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 #A6B34C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6B34C
}
```

## Border

The CSS property to change the border of an element to Hex A6B34C 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
#A6B34C }
```

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

```
.border{ border-color:#A6B34C }
```

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

Here you see how a box with a 4 pixel #A6B34C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6B34C; -webkit-box-shadow:4px 4px  
4px 4px #A6B34C; box-shadow:4px 4px 4px  
4px #A6B34C }
```

# Background

The CSS property to change the background color of an element to Hex A6B34C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6B34C }
```

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

```
.background{ background-color:#A6B34C }
```

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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