

# Converting Colors

Hex(A5BA47)

Have a look what the booklet for  
Hex(A5BA47) contains.

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**Color**

**Hex(A5BA47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5BA47
RGB	165, 186, 71
RGB Percent	65%, 73%, 28%
CMY	0.3529, 0.2706, 0.7216
CMYK	0.11, 0.00, 0.62, 0.27
HSL	71°, 45%, 50%
HSV	71°, 62%, 73%
XYZ	34.2133, 43.5721, 12.5683
YIQ	166.6110, 24.3990, -40.2170

# Conversions

## Conversions Part 2

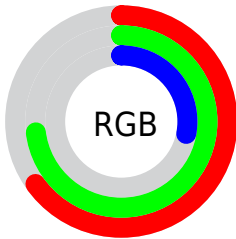
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 186, 92
Decimal	10861127
CIELab	71.94, -23.38, 54.24
CIElCh	72, 59.068, 113.318
Yxy	43.5721, 0.3787, 0.4822
Android (android.graphics.Color)	4289051207 (0xFFA5BA47)
YUV	166.6110, -47.1362, -1.4128
Hunter-Lab	66.0091, -22.9974, 34.9175

# Details

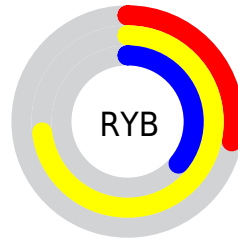
The Hex color **A5BA47** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **5C47BA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **DEF27C**, and **6E850A** is the 20% darker color. If you saturate the color by 10%, you get **A2BA34**, and if you desaturate by 10%, it is **A8BA5A**.

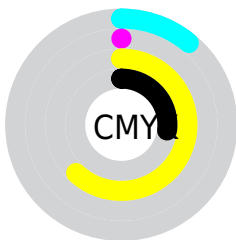
# Distribution



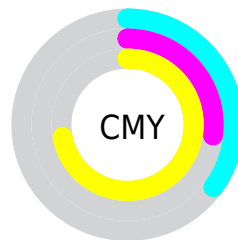
- Red (65%)
- Green (73%)
- Blue (28%)



- Red (28%)
- Yellow (73%)
- Blue (36%)



- Cyan (11%)
- Magenta (0%)
- Yellow (62%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5BA47 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 A5BA47 by changing the saturation by 10% instead.





A5BA47



A5BA47

FFFFFF



899F2C



DEF27C



6E850A



FCFF97



546C00



FFFFB3



3A5300



FFFFCF



1F3C00



FFFFEC



022600



000D00



000000



A5BA47



A5BA47

 A2BA34

 A8BA5A

 9EBA22

 ACBA6C

 9BBA0F

 AFBA7F

 98BA00

 B3BA91

 B6BAA4

 B9BAB7

 BDBAC9

 C0BADC

 C4BAEE

# Harmonies

## Analogous

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



D9A940



A5BA47



62C56D

# Triad

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



A5BA47



00C6FF



FF82BF

# Complementary

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



A5BA47



5C47BA

# 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.



E791F1



A5BA47



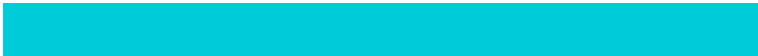
00BAFF

# Square

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



A5BA47



00CBD9



9EA7FF



FF8489

# Rectangle

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



A5BA47



00C98F



9EA7FF



FF85D1



# Sweetspot

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



A5BA47



EAF2C4



BA5A47



757A5E



FAFAFA



7A7A7A



# Same Dimension

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



A5BA47



D2F23F



6DBA47



5A5C53



7F9C00



171C00



# Inverse Universe

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



5C47BA



603FF2



9447BA



54535C



1C009C



05001C



# Previews

## White Background



This preview shows how the Hex color A5BA47 looks on a white background.

## Color Contrast Check

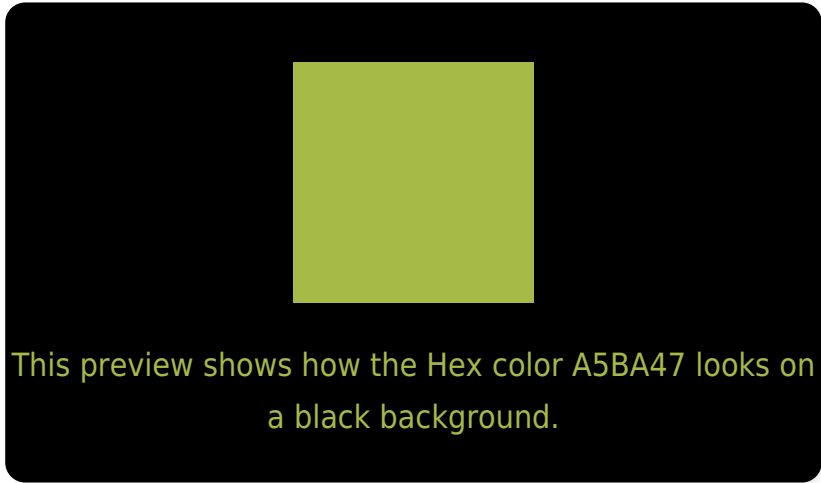
Large Text (above 18pt) WCAG AA × Fail

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 A5BA47 Background



This preview shows how black text looks on a background with the Hex color A5BA47.

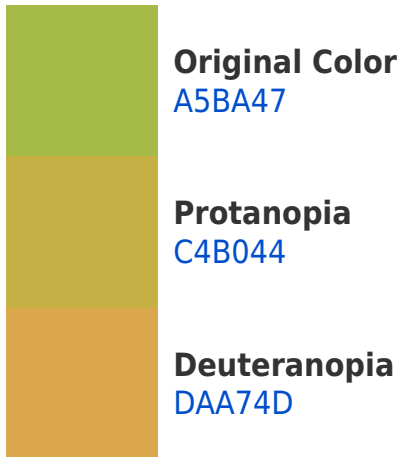


This preview shows how white text looks on a background with the Hex color A5BA47.

# Color Blindness Simulation

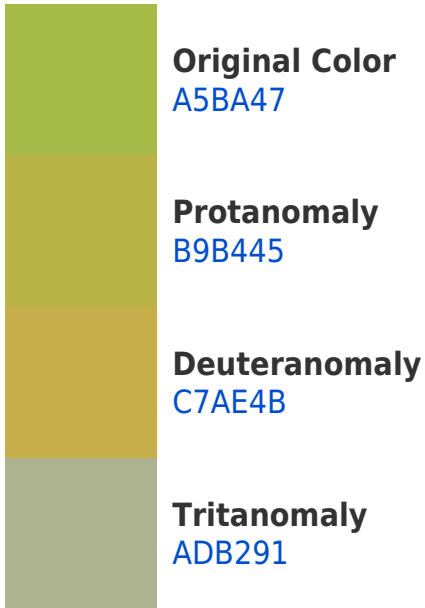
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

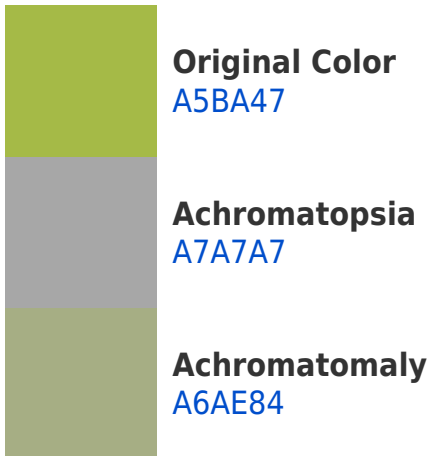




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5BA47 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 #A5BA47 looks like.

```
.text, #text, p{  
    color:#A5BA47  
}
```

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 #A5BA47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5BA47
}
```

## Border

The CSS property to change the border of an element to Hex A5BA47 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
#A5BA47 }
```

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

```
.border{ border-color:#A5BA47 }
```

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

Here you see how a box with a 4 pixel #A5BA47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5BA47; -webkit-box-shadow:4px 4px  
4px 4px #A5BA47; box-shadow:4px 4px 4px  
4px #A5BA47 }
```

# Background

The CSS property to change the background color of an element to Hex A5BA47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5BA47 }
```

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

```
.background{ background-color:#A5BA47 }
```

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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