

Converting Colors

Hex(A6C947)

Have a look what the booklet for
Hex(A6C947) contains.

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Color

Hex(A6C947)

Conversions

Conversions Part 1

Format	Color
Hex	A6C947
RGB	166, 201, 71
RGB Percent	65%, 79%, 28%
CMY	0.3490, 0.2118, 0.7216
CMYK	0.17, 0.00, 0.65, 0.21
HSL	76°, 55%, 53%
HSV	76°, 65%, 79%
XYZ	37.7499, 50.3352, 13.6873
YIQ	175.7150, 20.8700, -47.8500

Conversions

Conversions Part 2

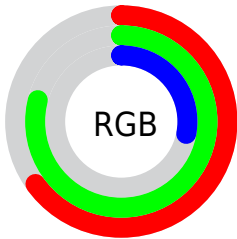
Format	Color
RYB	71, 201, 106
Decimal	10930503
CIELab	76.27, -30.20, 58.91
CIELCh	76, 66.198, 117.145
Yxy	50.3352, 0.3709, 0.4946
Android (android.graphics.Color)	4289120583 (0xFFA6C947)
YUV	175.7150, -51.6245, -8.5201
Hunter-Lab	70.9473, -29.1810, 38.2248

Details

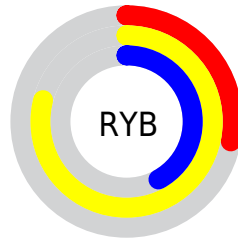
The Hex color **A6C947** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6A47C9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E0FF7D**, and **6F9303** is the 20% darker color. If you saturate the color by 10%, you get **A1C933**, and if you desaturate by 10%, it is **ABC95B**.

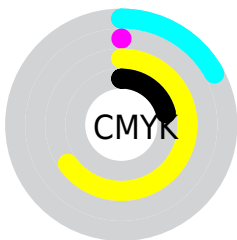
Distribution



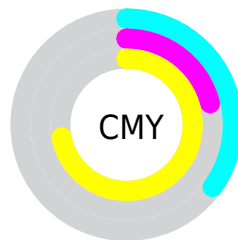
- Red (65%)
- Green (79%)
- Blue (28%)



- Red (28%)
- Yellow (79%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (65%)
- Black (21%)



- Cyan (35%)
- Magenta (21%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6C947 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 A6C947 by changing the saturation by 10% instead.

 A6C947

 A6C947

FFFFFF

 8AAE2B

 E0FF7D

 6F9303

 FDF99

 537900

 FFFF85

 396000

 FFFF61

 1D4800

 FFFF45

 003100

 001E00

 000000

 A6C947

 A6C947

 A1C933

 ABC95B

 9BC91F

 B1C96F

 96C90B

 B6C983

 93C900

 BCC997

 C1C9AC

 C6C9C0

 CCC9D4

 D1C9E8

 D7C9FC

Harmonies

Analogous

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



E2B739



A6C947



53D477

Triad

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



A6C947



00D3FF



FF85C5

Complementary

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



A6C947



6A47C9

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.



FF95FF



A6C947



00C5FF

Square

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



A6C947



00D9F2



B4AEFF



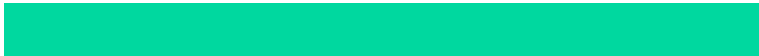
FF8A88

Rectangle

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



A6C947



00D89F



B4AEFF



FF88D9

Sweetspot

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



A6C947



F2FFCF



C96A47



788062



000000



808080

Same Dimension

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



A6C947



C9FF38



65C947



61635A



77A300



1A2400

Inverse Universe

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



6A47C9



6E38FF



AB47C9



5C5A63



2C00A3



0A0024

Previews

White Background



This preview shows how the Hex color A6C947 looks on a white background.

Color Contrast Check

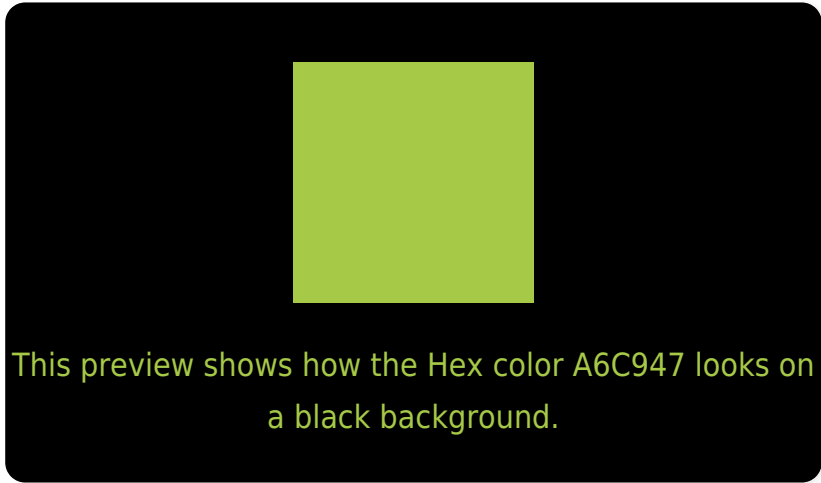
Large Text (above 18pt) WCAG AA × Fail

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 A6C947 Background



This preview shows how black text looks on a background with the Hex color A6C947.

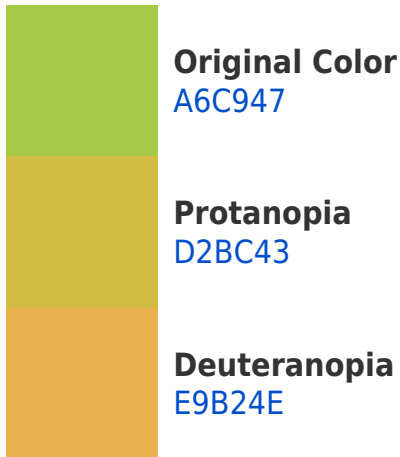


This preview shows how white text looks on a background with the Hex color A6C947.

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



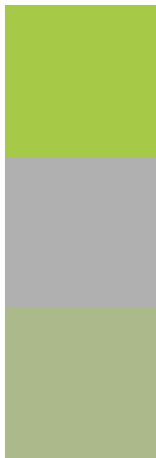
Original Color
A6C947

Protanomaly
C2C144

Deuteranomaly
D1BA4B

Tritanomaly
B0C19B

Monochromacy



Original Color
A6C947

Achromatopsia
B0B0B0

Achromatomaly
ACB98A

CSS Examples

Text

The CSS property to change the color of the text to Hex A6C947 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 #A6C947 looks like.

```
.text, #text, p{  
    color:#A6C947  
}
```

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 #A6C947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C947
}
```

Border

The CSS property to change the border of an element to Hex A6C947 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
#A6C947 }
```

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

```
.border{ border-color:#A6C947 }
```

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

Here you see how a box with a 4 pixel #A6C947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C947; -webkit-box-shadow:4px 4px  
4px 4px #A6C947; box-shadow:4px 4px 4px  
4px #A6C947 }
```

Background

The CSS property to change the background color of an element to Hex A6C947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C947 }
```

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

```
.background{ background-color:#A6C947 }
```

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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