

Converting Colors

Hex(A9CA4D)

Have a look what the booklet for
Hex(A9CA4D) contains.

Hex(A9CA4D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A9CA4D)

Conversions

Conversions Part 1

Format	Color
Hex	A9CA4D
RGB	169, 202, 77
RGB Percent	66%, 79%, 30%
CMY	0.3373, 0.2078, 0.6980
CMYK	0.16, 0.00, 0.62, 0.21
HSL	76°, 54%, 55%
HSV	76°, 62%, 79%
XYZ	38.8223, 51.2119, 14.8599
YIQ	177.8830, 20.4570, -45.8710

Conversions

Conversions Part 2

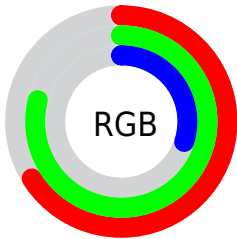
Format	Color
RYB	77, 202, 110
Decimal	11127373
CIELab	76.81, -29.05, 57.04
CIELCh	77, 64.013, 116.989
Yxy	51.2119, 0.3701, 0.4882
Android (android.graphics.Color)	4289317453 (0xFFA9CA4D)
YUV	177.8830, -49.7353, -7.7904
Hunter-Lab	71.5625, -28.3991, 37.7822

Details

The Hex color **A9CA4D** 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 **6E4DCA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E3FF83**, and **729411** is the 20% darker color. If you saturate the color by 10%, you get **A4CA39**, and if you desaturate by 10%, it is **AECA61**.

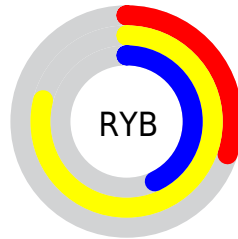
Distribution



Red (66%)

Green (79%)

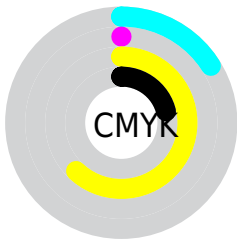
Blue (30%)



Red (30%)

Yellow (79%)

Blue (43%)

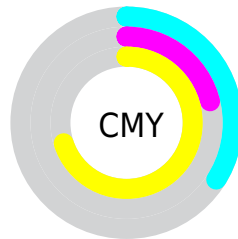


Cyan (16%)

Magenta (0%)

Yellow (62%)

Black (21%)



Cyan (34%)

Magenta (21%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9CA4D 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 A9CA4D by changing the saturation by 10% instead.

 A9CA4D

 A9CA4D

FFFFFF

 8DAF32

 E3FF83

 729411

 FFFF9E

 577A00


 FFFFBA

 3C6100

 FFFF7D

 214900

 FFFF4

 013200

 001F00

 000000

 A9CA4D

 A9CA4D

 A4CA39

 AECA61

 9ECA25

 B4CA75

 99CA10

 B9CA8A

 95CA00

 BECA9E

 C4CAB2

 C9CAC6

 CECADA

 D4CAEF

 D9CAFF

Harmonies

Analogous

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



E3B840



A9CA4D



5BD57A

Triad

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



A9CA4D



00D4FF



FF89C6

Complementary

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



A9CA4D



6E4DCA

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.



FF98FF



A9CA4D



00C6FF

Square

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



A9CA4D



00DAF2



B6B0FF



FF8E8B

Rectangle

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



A9CA4D



00D9A1



B6B0FF



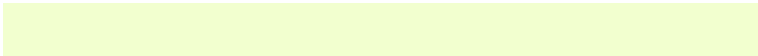
FF8CDA

Sweetspot

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



A9CA4D



F2FFCF



CA6C4D



788062



000000



808080

Same Dimension

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



A9CA4D



CDFF42



6CCA4D



63665C



7AA600



1C2600

Inverse Universe

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



6E4DCA



7442FF



AB4DCA



5E5C66



2C00A6



0A0026

Previews

White Background



This preview shows how the Hex color A9CA4D looks on a white background.

Color Contrast Check

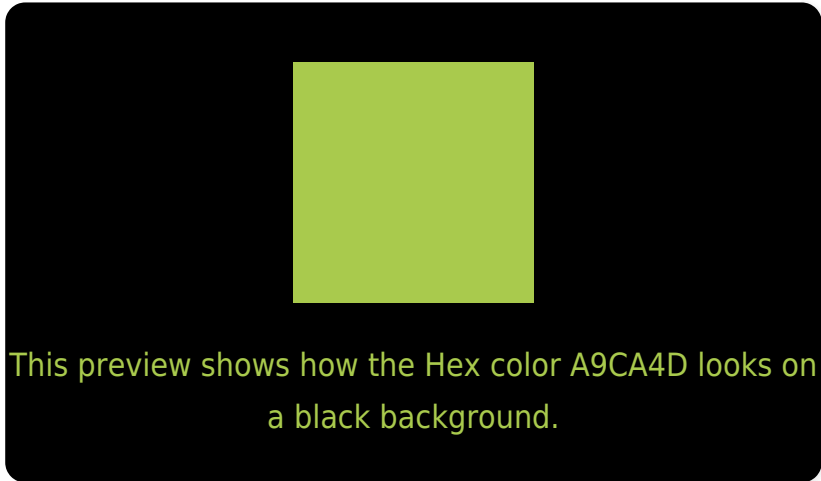
Large Text (above 18pt) WCAG AA × Fail

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 A9CA4D Background



This preview shows how black text looks on a background with the Hex color A9CA4D.

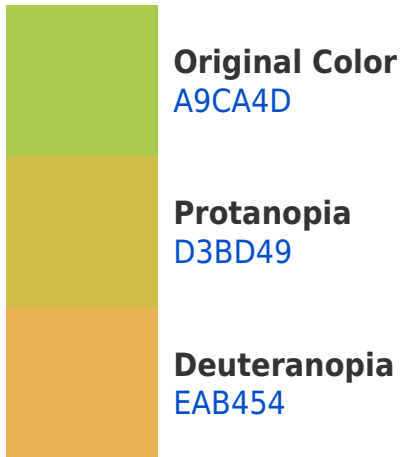


This preview shows how white text looks on a background with the Hex color A9CA4D.

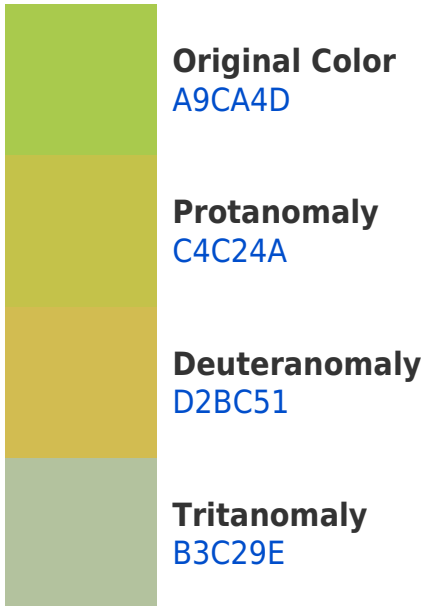
Color Blindness Simulation

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](#).

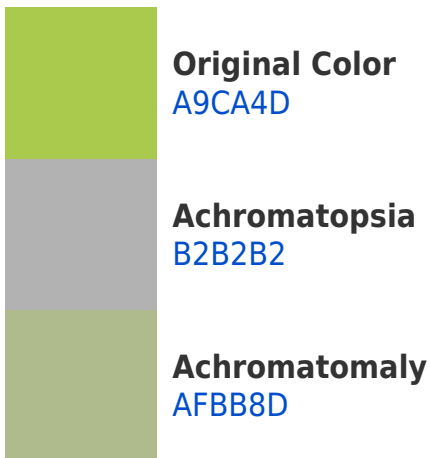
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A9CA4D 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 #A9CA4D looks like.

```
.text, #text, p{  
    color:#A9CA4D  
}
```

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 #A9CA4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9CA4D
}
```

Border

The CSS property to change the border of an element to Hex A9CA4D 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
#A9CA4D }
```

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

```
.border{ border-color:#A9CA4D }
```

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

Here you see how a box with a 4 pixel #A9CA4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9CA4D; -webkit-box-shadow:4px 4px  
4px 4px #A9CA4D; box-shadow:4px 4px 4px  
4px #A9CA4D }
```

Background

The CSS property to change the background color of an element to Hex A9CA4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9CA4D }
```

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

```
.background{ background-color:#A9CA4D }
```

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