

Converting Colors

Hex(A8C72A)

Have a look what the booklet for
Hex(A8C72A) contains.

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Color

Hex(A8C72A)

Conversions

Conversions Part 1

Format	Color
Hex	A8C72A
RGB	168, 199, 42
RGB Percent	66%, 78%, 16%
CMY	0.3412, 0.2196, 0.8353
CMYK	0.16, 0.00, 0.79, 0.22
HSL	72°, 65%, 47%
HSV	72°, 79%, 78%
XYZ	36.9898, 49.3388, 9.7643
YIQ	171.8330, 31.9210, -55.3990

Conversions

Conversions Part 2

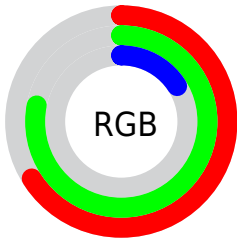
Format	Color
R_YB	42, 199, 73
Decimal	11061034
CIE _{Lab}	75.66, -30.04, 68.52
CIE _{LCh}	76, 74.814, 113.677
Yxy	49.3388, 0.3849, 0.5134
Android (android.graphics.Color)	4289251114 (0xFFA8C72A)
YUV	171.8330, -64.0077, -3.3615
Hunter-Lab	70.2416, -28.9233, 40.9272

Details

The Hex color **A8C72A** 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 **492AC7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E2FF65**, and **709100** is the 20% darker color. If you saturate the color by 10%, you get **A4C716**, and if you desaturate by 10%, it is **ACC73E**.

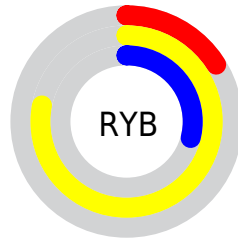
Distribution



Red (66%)

Green (78%)

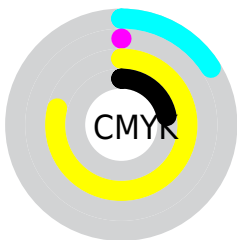
Blue (16%)



Red (16%)

Yellow (78%)

Blue (29%)

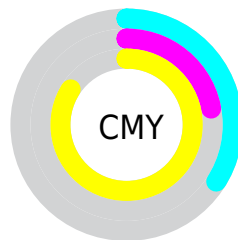


Cyan (16%)

Magenta (0%)

Yellow (79%)

Black (22%)



Cyan (34%)

Magenta (22%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8C72A 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 A8C72A by changing the saturation by 10% instead.

 A8C72A

 A8C72A

FFFFFF

 8CAC00

 E2FF65

 709100

 FFFF81

 547700

 FFFF9E

 395E00

 FFFFBA

 1B4700

 FFFFD7

 003000

 FFFFF5

 001C00

 000000

 A8C72A

 A8C72A

 A4C716

 ACC73E

 A0C702

 B0C752

 A0C700

 B4C766

 B8C77A

 BCC78E

 C0C7A1

 C4C7B5

 C7C7C9

 CBC7DD

Harmonies

Analogous

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



E9B21C



A8C72A



49D464

Triad

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



A8C72A



00D5FF



FF78CC

Complementary

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



A8C72A



492AC7

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.



FF8FFF



A8C72A



00C7FF

Square

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



A8C72A



00DBF0



9FAEFF



FF7C87

Rectangle

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



A8C72A



00D991



9FAEFF



FF7EE3

Sweetspot

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



A8C72A



F3FFC2



C7472A



78805B



000000



808080

Same Dimension

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



A8C72A



CFFF0D



5CC72A



61635A



83A300



1D2400

Inverse Universe

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



492AC7



3D0DFF



952AC7



5B5A63



2000A3



070024

Previews

White Background



This preview shows how the Hex color A8C72A looks on a white background.

Color Contrast Check

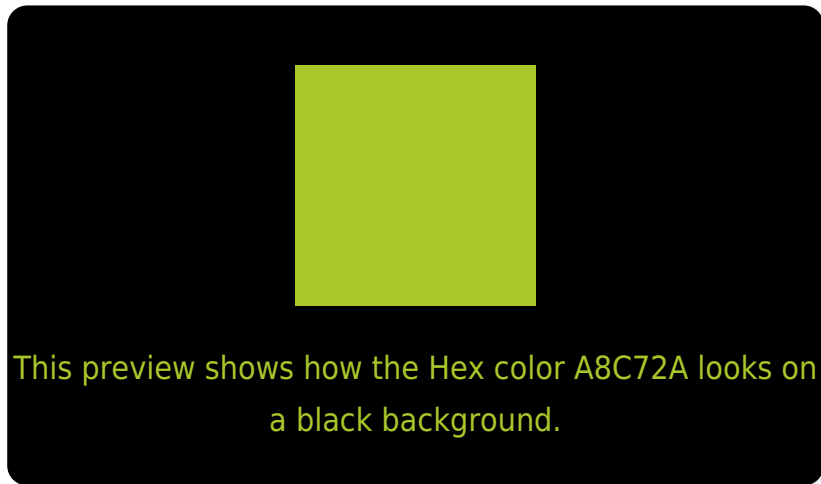
Large Text (above 18pt) WCAG AA × Fail

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 A8C72A Background



This preview shows how black text looks on a background with the Hex color A8C72A.

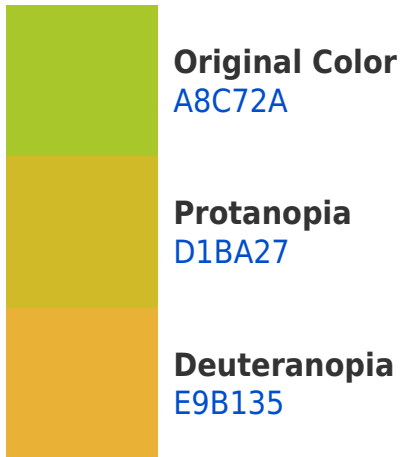


This preview shows how white text looks on a background with the Hex color A8C72A.

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](#).

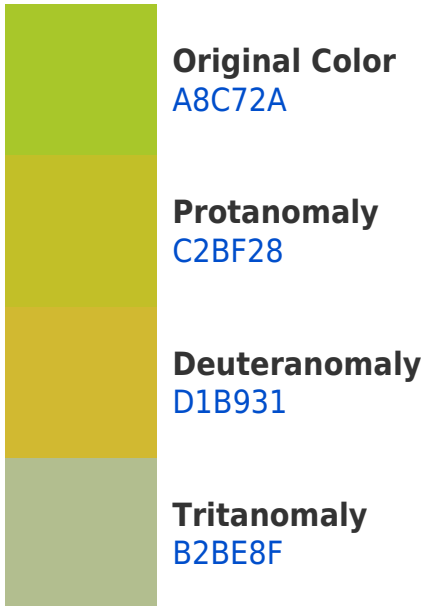
Dichromacy



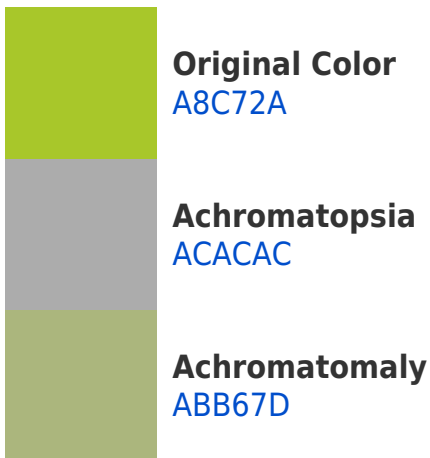


Tritanopia
B7B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8C72A 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 #A8C72A looks like.

```
.text, #text, p{  
    color:#A8C72A  
}
```

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 #A8C72A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C72A
}
```

Border

The CSS property to change the border of an element to Hex A8C72A 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
#A8C72A }
```

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

```
.border{ border-color:#A8C72A }
```

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

Here you see how a box with a 4 pixel #A8C72A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C72A; -webkit-box-shadow:4px 4px  
4px 4px #A8C72A; box-shadow:4px 4px 4px  
4px #A8C72A }
```

Background

The CSS property to change the background color of an element to Hex A8C72A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C72A }
```

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

```
.background{ background-color:#A8C72A }
```

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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