

Converting Colors

Hex(A5C74A)

Have a look what the booklet for
Hex(A5C74A) contains.

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Color

Hex(A5C74A)

Conversions

Conversions Part 1

Format	Color
Hex	A5C74A
RGB	165, 199, 74
RGB Percent	65%, 78%, 29%
CMY	0.3529, 0.2196, 0.7098
CMYK	0.17, 0.00, 0.63, 0.22
HSL	76°, 53%, 54%
HSV	76°, 63%, 78%
XYZ	37.1765, 49.3406, 14.0428
YIQ	174.5840, 19.8610, -46.0830

Conversions

Conversions Part 2

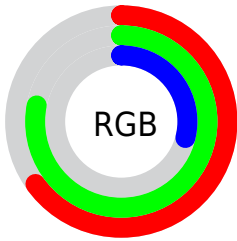
Format	Color
RYB	74, 199, 108
Decimal	10864458
CIELab	75.66, -29.44, 56.99
CIELCh	76, 64.144, 117.316
Yxy	49.3406, 0.3697, 0.4907
Android (android.graphics.Color)	4289054538 (0xFFA5C74A)
YUV	174.5840, -49.5879, -8.4052
Hunter-Lab	70.2429, -28.4527, 37.3168

Details

The Hex color **A5C74A** 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 **6C4AC7**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **DEFF80**, and **6E910C** is the 20% darker color. If you saturate the color by 10%, you get **A0C736**, and if you desaturate by 10%, it is **AAC75E**.

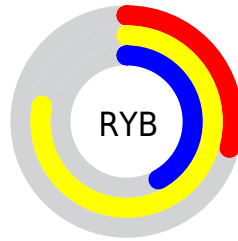
Distribution



Red (65%)

Green (78%)

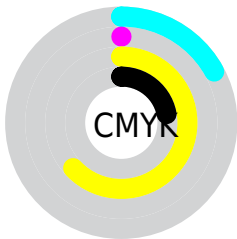
Blue (29%)



Red (29%)

Yellow (78%)

Blue (42%)

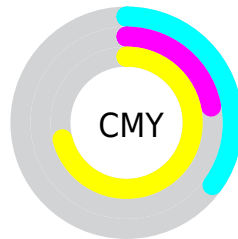


Cyan (17%)

Magenta (0%)

Yellow (63%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5C74A 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 A5C74A by changing the saturation by 10% instead.

 A5C74A

 A5C74A

FFFFFF

 89AC2E

 DEFF80

 6E910C

 FCFF9B

 537700

 FFFFB7

 395E00

 FFFF D4

 1D4600

 FFFFF1

 003000

 001C00

 000000

 A5C74A

 A5C74A

 A0C736


 AAC75E

 9AC722

 B0C772

 95C70E

 B5C786

 91C700

 BBC79A

 C0C7AE

 C5C7C1

 CBC7D5

 D0C7E9

 D6C7FD

Harmonies

Analogous

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



DFB63C



A5C74A



56D278

Triad

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



A5C74A



00D1FF



FF85C2

Complementary

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



A5C74A



6C4AC7

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.



FE95FB



A5C74A



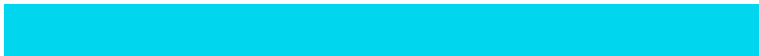
00C3FF

Square

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



A5C74A



00D7EF



B3ADFF



FF8B88

Rectangle

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



A5C74A



00D69E



B3ADFF



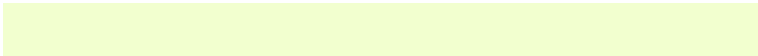
FF88D6

Sweetspot

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



A5C74A



F2FFCF



C76B4A



788062



000000



808080

Same Dimension

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



A5C74A



CBFF40



67C74A



61635A



77A300



1A2400

Inverse Universe

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



6C4AC7



7440FF



AA4AC7



5C5A63



2C00A3



0A0024

Previews

White Background



This preview shows how the Hex color A5C74A looks on a white background.

Color Contrast Check

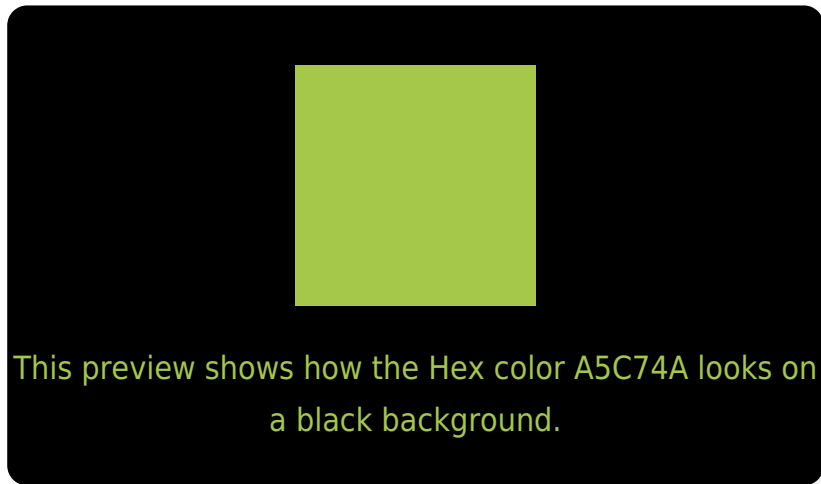
Large Text (above 18pt) WCAG AA × Fail

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 A5C74A Background



This preview shows how black text looks on a background with the Hex color A5C74A.



This preview shows how white text looks on a background with the Hex color A5C74A.

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](#).

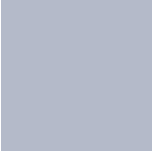
Dichromacy



Original Color
A5C74A

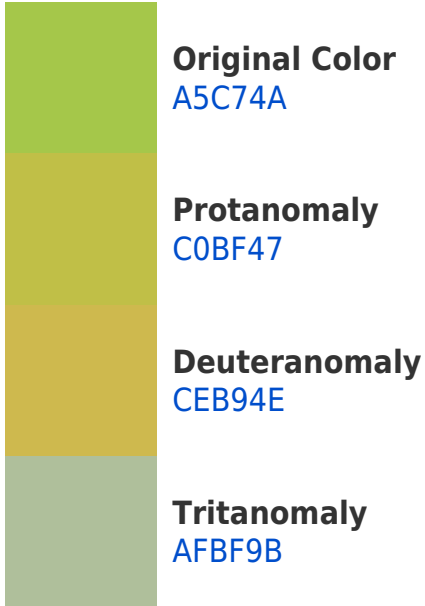
Protanopia
D0BA46

Deuteranopia
E6B151

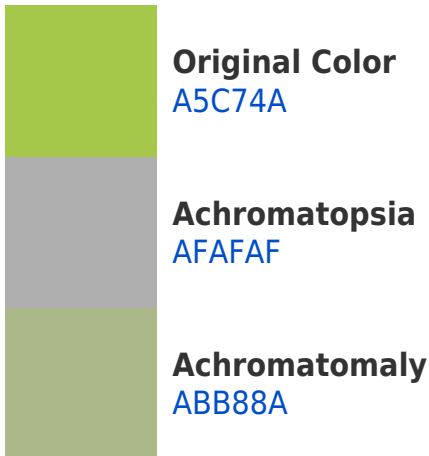


Tritanopia
B4BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A5C74A 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 #A5C74A looks like.

```
.text, #text, p{  
    color:#A5C74A  
}
```

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 #A5C74A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5C74A
}
```

Border

The CSS property to change the border of an element to Hex A5C74A 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
#A5C74A }
```

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

```
.border{ border-color:#A5C74A }
```

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

Here you see how a box with a 4 pixel #A5C74A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5C74A; -webkit-box-shadow:4px 4px  
4px 4px #A5C74A; box-shadow:4px 4px 4px  
4px #A5C74A }
```

Background

The CSS property to change the background color of an element to Hex A5C74A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5C74A }
```

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

```
.background{ background-color:#A5C74A }
```

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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