

Converting Colors

Hex(A3C45A)

Have a look what the booklet for
Hex(A3C45A) contains.

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Color

Hex(A3C45A)

Conversions

Conversions Part 1

Format	Color
Hex	A3C45A
RGB	163, 196, 90
RGB Percent	64%, 77%, 35%
CMY	0.3608, 0.2314, 0.6471
CMYK	0.17, 0.00, 0.54, 0.23
HSL	79°, 47%, 56%
HSV	79°, 54%, 77%
XYZ	36.6896, 48.0046, 17.0049
YIQ	174.0490, 14.3580, -39.9620

Conversions

Conversions Part 2

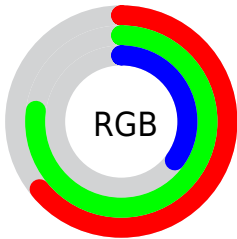
Format	Color
RYB	90, 196, 123
Decimal	10732634
CIELab	74.83, -27.44, 48.89
CIELCh	75, 56.069, 119.301
Yxy	48.0046, 0.3608, 0.4720
Android (android.graphics.Color)	4288922714 (0xFFA3C45A)
YUV	174.0490, -41.4362, -9.6900
Hunter-Lab	69.2853, -26.7257, 33.9480

Details

The Hex color **A3C45A** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7B5AC4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **DCFD8F**, and **6D8E26** is the 20% darker color. If you saturate the color by 10%, you get **9DC446**, and if you desaturate by 10%, it is **A9C46E**.

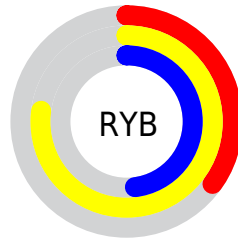
Distribution



Red (64%)

Green (77%)

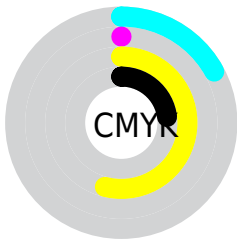
Blue (35%)



Red (35%)

Yellow (77%)

Blue (48%)

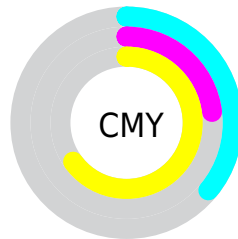


Cyan (17%)

Magenta (0%)

Yellow (54%)

Black (23%)



Cyan (36%)

Magenta (23%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3C45A 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 A3C45A by changing the saturation by 10% instead.

 A3C45A

 A3C45A

FFFFFF

 88A940

 DCFD8F

 6D8E26

 F9FFAA

 527404

 FFFFC6

 395C00

 FFFF E3

 1F4400

 002D00

 001A00

 000000

 A3C45A

 A3C45A

 9DC446

 A9C46E

 97C433

 AFC481

 91C41F

 B5C495

 8BC40C

 BBC4A8

 87C400

 C2C4BC

 C8C4D0

 CEC4E3

 D4C4F7

 DAC4FF

Harmonies

Analogous

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



D7B54D



A3C45A



60CE81

Triad

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



A3C45A



00CBFF



FF8CBB

Complementary

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



A3C45A



7B5AC4

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.



F697EE



A3C45A



50BEFF

Square

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



A3C45A



00D1E9



B9ABFF



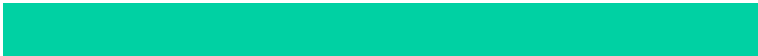
FF9189

Rectangle

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



A3C45A



00D1A3



B9ABFF



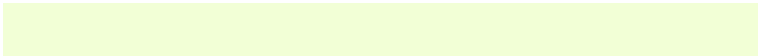
FF8ECD

Sweetspot

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



A3C45A



F2FFD6



C47A5A



788067



000000



808080

Same Dimension

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



A3C45A



CBFF59



6FC45A



5E6157



6FA100



172100

Inverse Universe

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



7B5AC4



8D59FF



AF5AC4



5A5761



3200A1



0A0021

Previews

White Background



This preview shows how the Hex color A3C45A looks on a white background.

Color Contrast Check

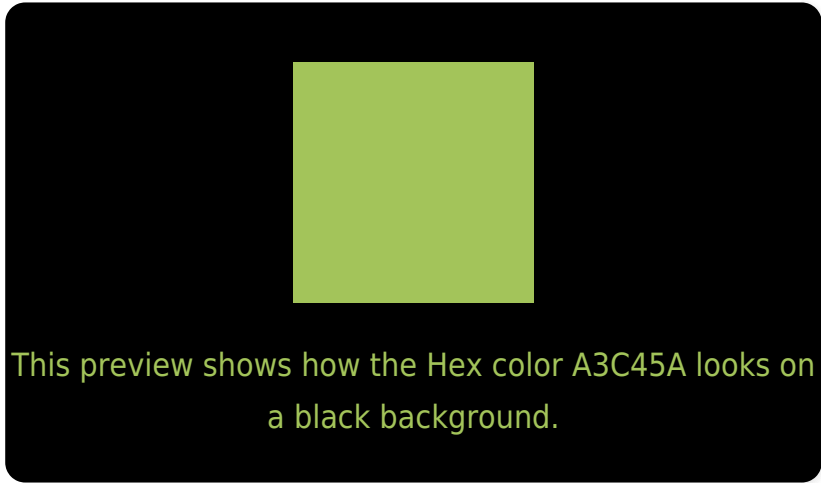
Large Text (above 18pt) WCAG AA × Fail

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 A3C45A Background



This preview shows how black text looks on a background with the Hex color A3C45A.

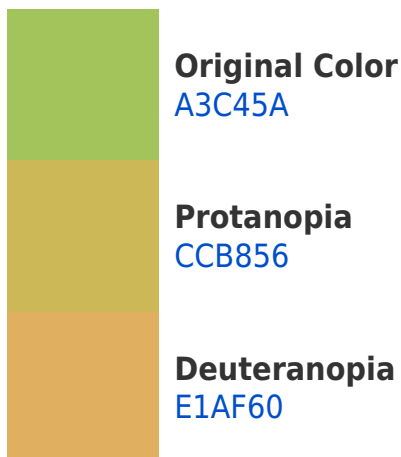


This preview shows how white text looks on a background with the Hex color A3C45A.

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](#).

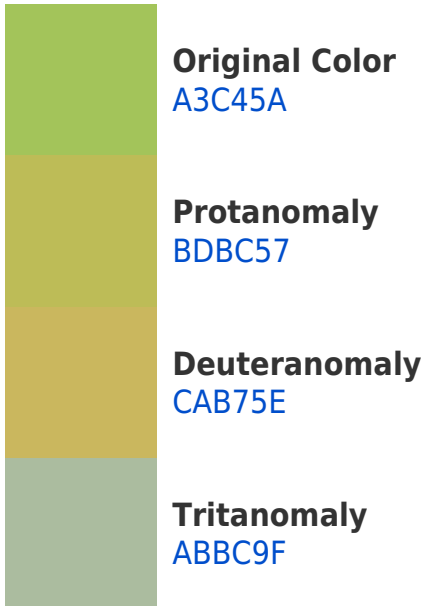
Dichromacy





Tritanopia
B0B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3C45A 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 #A3C45A looks like.

```
.text, #text, p{  
    color:#A3C45A  
}
```

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 #A3C45A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C45A
}
```

Border

The CSS property to change the border of an element to Hex A3C45A 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
#A3C45A }
```

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

```
.border{ border-color:#A3C45A }
```

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

Here you see how a box with a 4 pixel #A3C45A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C45A; -webkit-box-shadow:4px 4px  
4px 4px #A3C45A; box-shadow:4px 4px 4px  
4px #A3C45A }
```

Background

The CSS property to change the background color of an element to Hex A3C45A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C45A }
```

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

```
.background{ background-color:#A3C45A }
```

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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