

Converting Colors

Hex(A3C739)

Have a look what the booklet for
Hex(A3C739) contains.

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Color

Hex(A3C739)

Conversions

Conversions Part 1

Format	Color
Hex	A3C739
RGB	163, 199, 57
RGB Percent	64%, 78%, 22%
CMY	0.3608, 0.2196, 0.7765
CMYK	0.18, 0.00, 0.71, 0.22
HSL	75°, 56%, 50%
HSV	75°, 71%, 78%
XYZ	36.2662, 48.9288, 11.4037
YIQ	172.0480, 24.1260, -51.7940

Conversions

Conversions Part 2

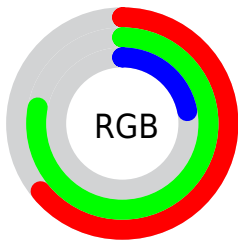
Format	Color
RYB	57, 199, 93
Decimal	10733369
CIELab	75.41, -31.34, 63.32
CIElCh	75, 70.657, 116.333
Yxy	48.9288, 0.3754, 0.5065
Android (android.graphics.Color)	4288923449 (0xFFFA3C739)
YUV	172.0480, -56.7187, -7.9351
Hunter-Lab	69.9491, -29.8649, 39.2984

Details

The Hex color **A3C739** 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 **5D39C7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DFF71**, and **6B9100** is the 20% darker color. If you saturate the color by 10%, you get **9EC725**, and if you desaturate by 10%, it is **A8C74D**.

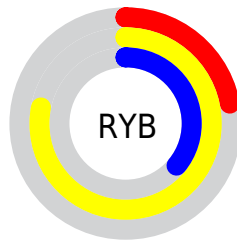
Distribution



Red (64%)

Green (78%)

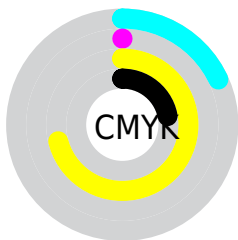
Blue (22%)



Red (22%)

Yellow (78%)

Blue (36%)

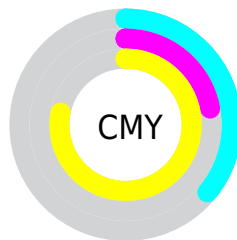


Cyan (18%)

Magenta (0%)

Yellow (71%)

Black (22%)



Cyan (36%)

Magenta (22%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3C739 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 A3C739 by changing the saturation by 10% instead.

 A3C739

 A3C739

FFFFFF

 87AC18

 DDF71

 6B9100

 FBFF8C

 507700

 FFFFA8

 355E00

 FFFFC5

 174600

 FFFFE2

 002F00

 001B00

 000000

 A3C739

 A3C739

■ 9EC725

■ A8C74D

■ 99C711

■ ADC761

■ 95C700

■ B2C775

■ B7C789

■ BCC79D

■ C1C7B0

■ C6C7C4

■ CBC7D8

■ D0C7EC

Harmonies

Analogous

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



E2B429



A3C739



47D36E

Triad

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



A3C739



00D2FF



FF7DC5

Complementary

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



A3C739



5D39C7

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.



FF90FF



A3C739



00C4FF

Square

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



A3C739



00D8F2



ACACFF



FF8284

Rectangle

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



A3C739



00D799



ACACFF



FF81DA

Sweetspot

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



A3C739



F1FFC9



C75D39



778060



000000



808080

Same Dimension

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



A3C739



C7FF24



5DC739



61635A



7AA300



1B2400

Inverse Universe

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



5D39C7



5B24FF



A439C7



5C5A63



2900A3



090024

Previews

White Background



This preview shows how the Hex color A3C739 looks on a white background.

Color Contrast Check

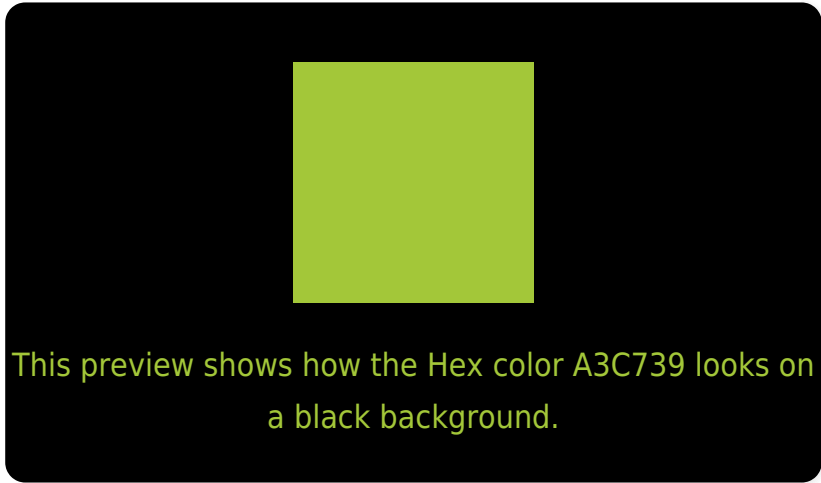
Large Text (above 18pt) WCAG AA × Fail

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 A3C739 Background



This preview shows how black text looks on a background with the Hex color A3C739.



This preview shows how white text looks on a background with the Hex color A3C739.

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

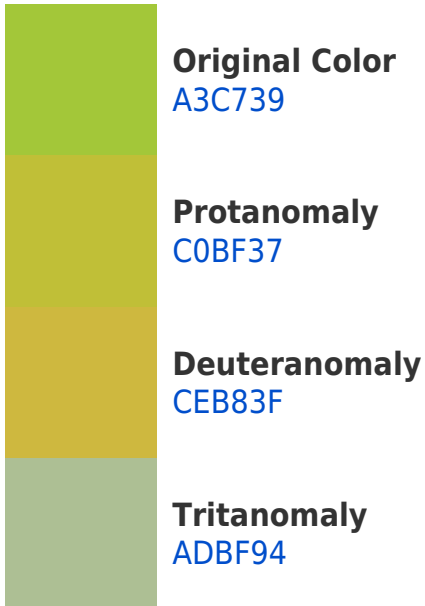


Original Color
A3C739

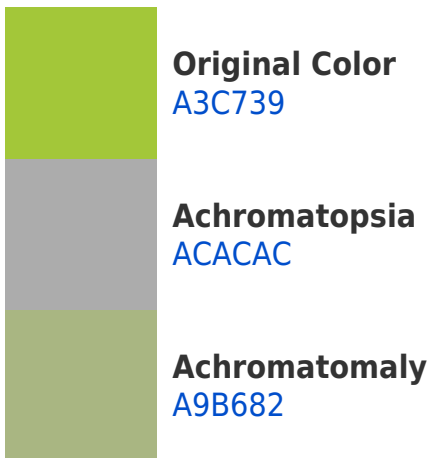
Protanopia
D0BA36

Deuteranopia
E7B042

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3C739 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 #A3C739 looks like.

```
.text, #text, p{  
    color:#A3C739  
}
```

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 #A3C739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C739
}
```

Border

The CSS property to change the border of an element to Hex A3C739 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
#A3C739 }
```

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

```
.border{ border-color:#A3C739 }
```

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

Here you see how a box with a 4 pixel #A3C739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C739; -webkit-box-shadow:4px 4px  
4px 4px #A3C739; box-shadow:4px 4px 4px  
4px #A3C739 }
```

Background

The CSS property to change the background color of an element to Hex A3C739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C739 }
```

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

```
.background{ background-color:#A3C739 }
```

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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