

Converting Colors

Hex(A3C547)

Have a look what the booklet for
Hex(A3C547) contains.

Hex(A3C547)	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(A3C547)

Conversions

Conversions Part 1

Format	Color
Hex	A3C547
RGB	163, 197, 71
RGB Percent	64%, 77%, 28%
CMY	0.3608, 0.2275, 0.7216
CMYK	0.17, 0.00, 0.64, 0.23
HSL	76°, 52%, 53%
HSV	76°, 64%, 77%
XYZ	36.2078, 48.1740, 13.3514
YIQ	172.4700, 20.1820, -46.3940

Conversions

Conversions Part 2

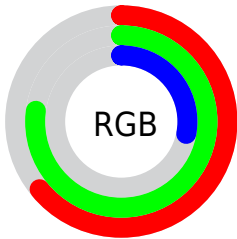
Format	Color
RYB	71, 197, 105
Decimal	10732871
CIELab	74.93, -29.50, 57.42
CIELCh	75, 64.557, 117.192
Yxy	48.1740, 0.3705, 0.4929
Android (android.graphics.Color)	4288922951 (0xFFA3C547)
YUV	172.4700, -50.0247, -8.3052
Hunter-Lab	69.4075, -28.3449, 37.1801

Details

The Hex color **A3C547** 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 **6947C5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DCFE7D**, and **6C8F05** is the 20% darker color. If you saturate the color by 10%, you get **9EC533**, and if you desaturate by 10%, it is **A8C55B**.

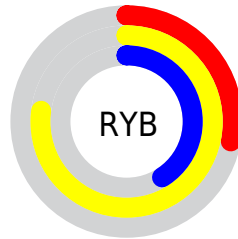
Distribution



Red (64%)

Green (77%)

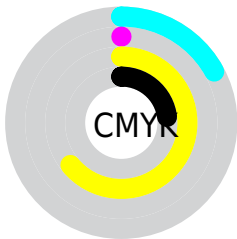
Blue (28%)



Red (28%)

Yellow (77%)

Blue (41%)

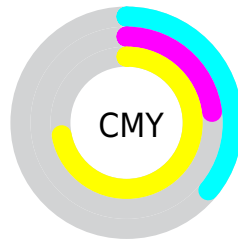


Cyan (17%)

Magenta (0%)

Yellow (64%)

Black (23%)



Cyan (36%)

Magenta (23%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3C547 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 A3C547 by changing the saturation by 10% instead.



A3C547



A3C547

FFFFFF



87AA2B



DCFE7D



6C8F05



FAFF98



517500



FFFFB4



375D00



FFFFD1



1A4500



FFFEE



002E00



001A00



000000



A3C547



A3C547

 9EC533

 A8C55B

 98C520

 AEC56E

 93C50C

 B3C582

 90C500

 B8C596

 BEC5AA

 C3C5BD

 C8C5D1

 CEC5E5

 D3C5F8

Harmonies

Analogous

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



DDB439



A3C547



53D075

Triad

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



A3C547



00CFFF



FF83C1

Complementary

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



A3C547



6947C5

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.



FC92FA



A3C547



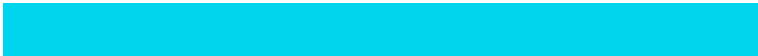
00C1FF

Square

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



A3C547



00D5ED



B1ABFF



FF8886

Rectangle

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



A3C547



00D49C



B1ABFF



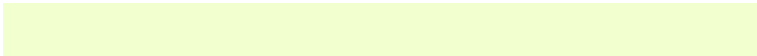
FF86D5

Sweetspot

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



A3C547



F2FFCF



C56947



788062



000000



808080

Same Dimension

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



A3C547



CAFF3B



64C547



61635A



77A300



1A2400

Inverse Universe

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



6947C5



703BFF



A847C5



5C5A63



2C00A3



0A0024

Previews

White Background



This preview shows how the Hex color A3C547 looks on a white background.

Color Contrast Check

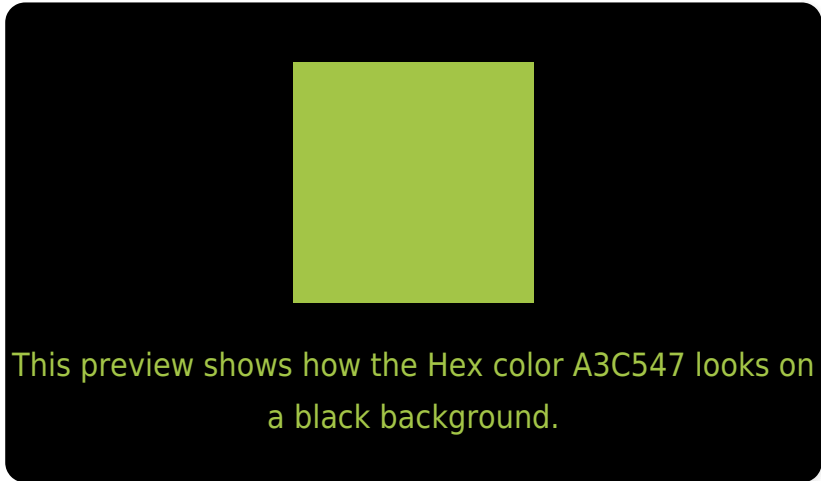
Large Text (above 18pt) WCAG AA × Fail

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 A3C547 Background



This preview shows how black text looks on a background with the Hex color A3C547.

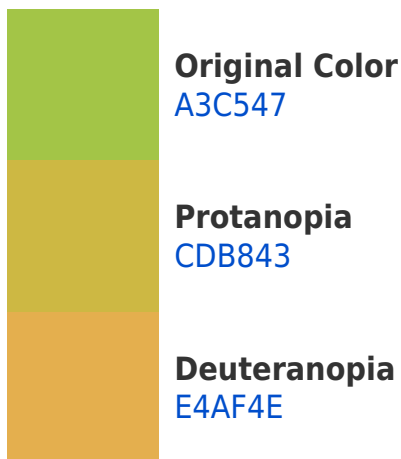


This preview shows how white text looks on a background with the Hex color A3C547.

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](#).

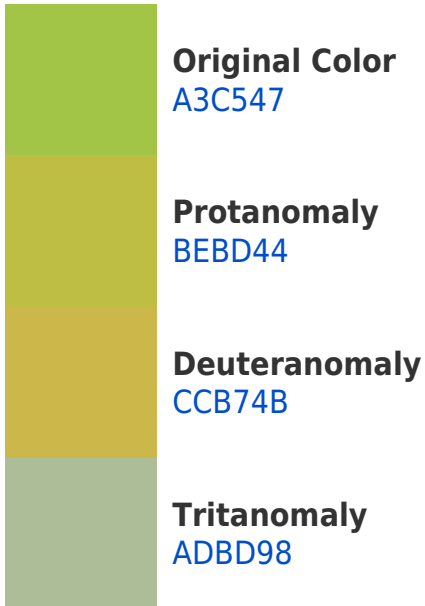
Dichromacy



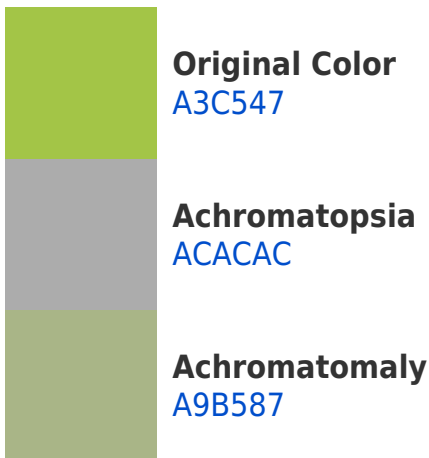


Tritanopia
B2B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3C547 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 #A3C547 looks like.

```
.text, #text, p{  
    color:#A3C547  
}
```

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 #A3C547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C547
}
```

Border

The CSS property to change the border of an element to Hex A3C547 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
#A3C547 }
```

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

```
.border{ border-color:#A3C547 }
```

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

Here you see how a box with a 4 pixel #A3C547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C547; -webkit-box-shadow:4px 4px  
4px 4px #A3C547; box-shadow:4px 4px 4px  
4px #A3C547 }
```

Background

The CSS property to change the background color of an element to Hex A3C547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C547 }
```

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

```
.background{ background-color:#A3C547 }
```

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