

Converting Colors

Hex(A2C535)

Have a look what the booklet for
Hex(A2C535) contains.

Hex(A2C535)	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(A2C535)

Conversions

Conversions Part 1

Format	Color
Hex	A2C535
RGB	162, 197, 53
RGB Percent	64%, 77%, 21%
CMY	0.3647, 0.2275, 0.7922
CMYK	0.18, 0.00, 0.73, 0.23
HSL	75°, 58%, 49%
HSV	75°, 73%, 77%
XYZ	35.5091, 47.8709, 10.7366
YIQ	170.1190, 25.3640, -52.2040

Conversions

Conversions Part 2

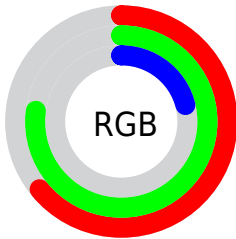
Format	Color
RYB	53, 197, 88
Decimal	10667317
CIELab	74.74, -31.02, 64.06
CIELCh	75, 71.173, 115.842
Yxy	47.8709, 0.3773, 0.5086
Android (android.graphics.Color)	4288857397 (0xFFA2C535)
YUV	170.1190, -57.7397, -7.1204
Hunter-Lab	69.1888, -29.4705, 39.2316

Details

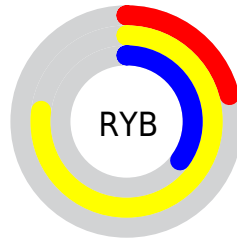
The Hex color **A2C535** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5835C5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **DCFE6D**, and **6A8F00** is the 20% darker color. If you saturate the color by 10%, you get **9DC521**, and if you desaturate by 10%, it is **A7C549**.

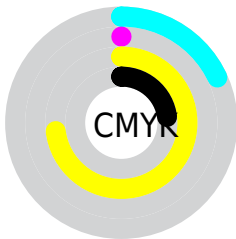
Distribution



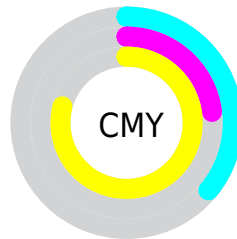
- Red (64%)
- Green (77%)
- Blue (21%)



- Red (21%)
- Yellow (77%)
- Blue (35%)



- Cyan (18%)
- Magenta (0%)
- Yellow (73%)
- Black (23%)



- Cyan (36%)
- Magenta (23%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2C535 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 A2C535 by changing the saturation by 10% instead.



A2C535



A2C535

FFFFFF



86AA11



DCFE6D



6A8F00



FAFF89



4F7500



FFFFA5



345D00



FFFFC1



164500



FFFFDE



002E00

FFFFFFC



001900



000000



A2C535



A2C535

■ 9DC521

■ A7C549

■ 98C50E

■ ACC55C

■ 95C500

■ B0C570

■ B5C584

■ BAC598

■ BFC5AB

■ C4C5BF

■ C8C5D3

■ CDC5E6

Harmonies

Analogous

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



E1B225



A2C535



46D16A

Triad

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



A2C535



00D1FF



FF7AC4

Complementary

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



A2C535



5835C5

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.



FF8EFF



A2C535



00C2FF

Square

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



A2C535



00D7EF



A8AAFF



FF8083

Rectangle

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



A2C535



00D596



A8AAFF



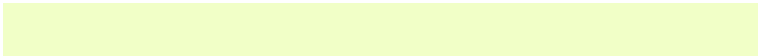
FF7EDA

Sweetspot

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



A2C535



F1FFC7



C55735



77805E



000000



808080

Same Dimension

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



A2C535



C8FF1F



5BC535



61635A



7CA300



1B2400

Inverse Universe

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



5835C5



551FFF



9F35C5



5C5A63



2800A3



090024

Previews

White Background



This preview shows how the Hex color A2C535 looks on a white background.

Color Contrast Check

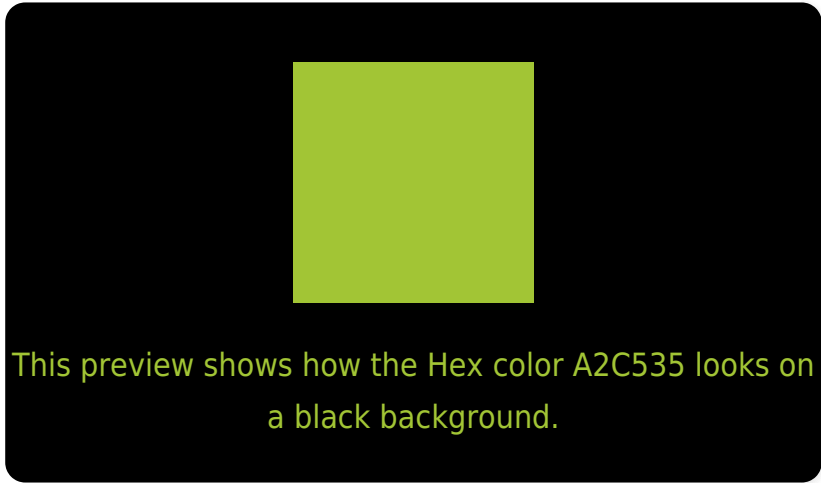
Large Text (above 18pt) WCAG AA × Fail

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 A2C535 Background



This preview shows how black text looks on a background with the Hex color A2C535.

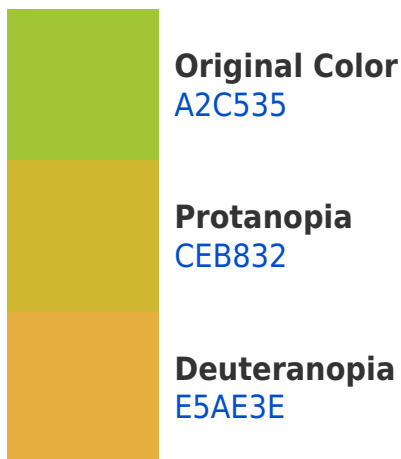


This preview shows how white text looks on a background with the Hex color A2C535.

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](#).

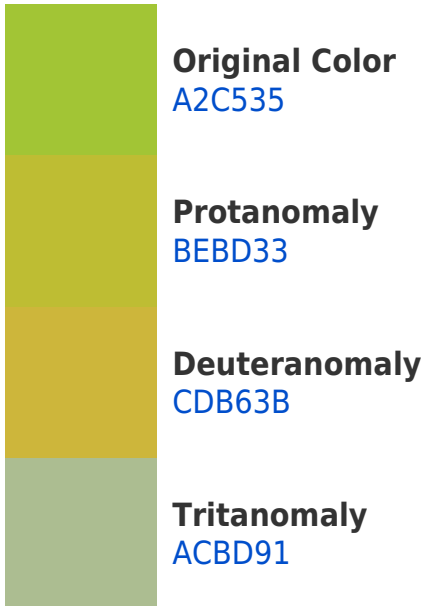
Dichromacy



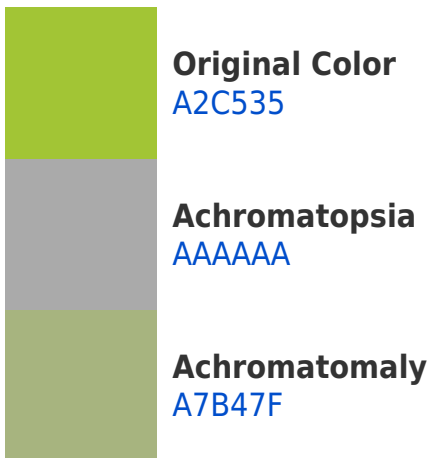


Tritanopia
B1B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2C535 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 #A2C535 looks like.

```
.text, #text, p{  
    color:#A2C535  
}
```

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 #A2C535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2C535
}
```

Border

The CSS property to change the border of an element to Hex A2C535 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
#A2C535 }
```

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

```
.border{ border-color:#A2C535 }
```

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

Here you see how a box with a 4 pixel #A2C535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2C535; -webkit-box-shadow:4px 4px  
4px 4px #A2C535; box-shadow:4px 4px 4px  
4px #A2C535 }
```

Background

The CSS property to change the background color of an element to Hex A2C535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2C535 }
```

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

```
.background{ background-color:#A2C535 }
```

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