

Converting Colors

Hex(2AC535)

Have a look what the booklet for
Hex(2AC535) contains.

Hex(2AC535)	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(2AC535)

Conversions

Conversions Part 1

Format	Color
Hex	2AC535
RGB	42, 197, 53
RGB Percent	16%, 77%, 21%
CMY	0.8353, 0.2275, 0.7922
CMYK	0.79, 0.00, 0.73, 0.23
HSL	124°, 65%, 47%
HSV	124°, 79%, 77%
XYZ	21.5637, 40.6818, 10.0840
YIQ	134.2390, -46.1560, -77.6440

Conversions

Conversions Part 2

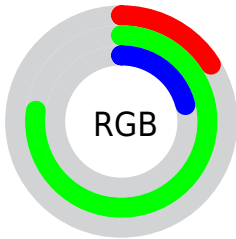
Format	Color
R_YB	42, 187, 197
Decimal	2802997
CIE Lab	69.95, -65.53, 57.71
CIE LCh	70, 87.319, 138.634
Yxy	40.6818, 0.2981, 0.5625
Android (android.graphics.Color)	4280993077 (0xFF2AC535)
YUV	134.2390, -40.0508, -80.8936
Hunter-Lab	63.7823, -51.2712, 35.2738

Details

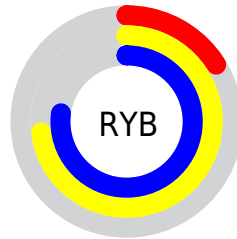
The Hex color **2AC535** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C52ABA**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **73FF6C**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **16C523**, and if you desaturate by 10%, it is **3EC547**.

Distribution



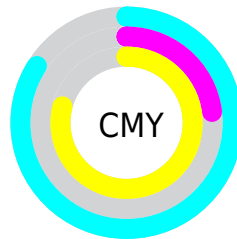
- Red (16%)
- Green (77%)
- Blue (21%)



- Red (16%)
- Yellow (73%)
- Blue (77%)



- Cyan (79%)
- Magenta (0%)
- Yellow (73%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC535 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 2AC535 by changing the saturation by 10% instead.

 2AC535

 2AC535

FFFFFF

 00A914

 73FF6C

 008E00

 92FF88

 007300

 B1FFA3

 005900

 CFFFC0

 004000

 EEFFDC

 002800

 FFFFFA

 000000

 2AC535

 2AC535

 16C523

 3EC547

 03C510

 51C55A

 00C50E

 65C56C

 79C57E

 8DC591

 A0C5A3

 B4C5B5

 C8C5C7

 DBC5DA

Harmonies

Analogous

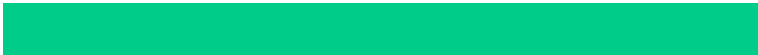
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FB600



2AC535



00CC89

Triad

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



2AC535



00BDFE



FF537E

Complementary

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



2AC535



C52ABA

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.



FF54CD



2AC535



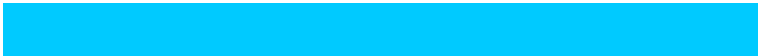
58A3FF

Square

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



2AC535



00CAFF



EA7CFF



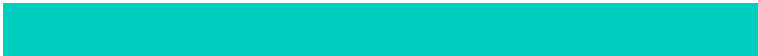
FF7832

Rectangle

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



2AC535



00CEC1



EA7CFF



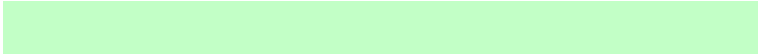
FF4D98

Sweetspot

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



2AC535



C2FFC6



BBC52A



5B805D



000000



808080

Same Dimension

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



2AC535



0FFF20



2AC582



5A635A



00A30C



002403

Inverse Universe

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



C52ABA



FF0FEE



C52A6D



635A63



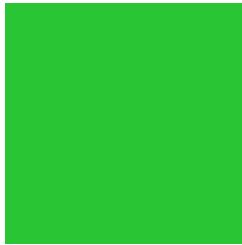
A30098



240021

Previews

White Background



This preview shows how the Hex color 2AC535 looks on a white background.

Color Contrast Check

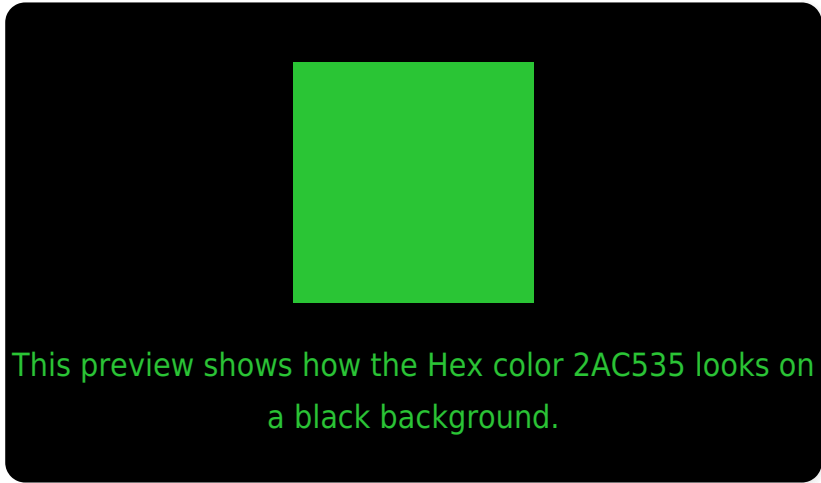
Large Text (above 18pt) WCAG AA × Fail

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 2AC535 Background



This preview shows how black text looks on a background with the Hex color 2AC535.

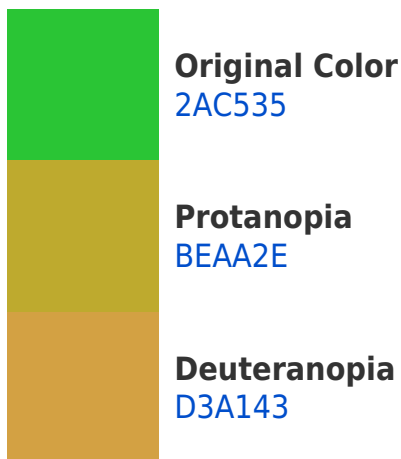


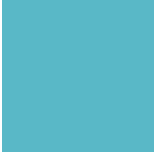
This preview shows how white text looks on a background with the Hex color 2AC535.

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
59B8C7

Trichromacy



Original Color
2AC535



Protanomaly
88B431



Deuteranomaly
96AE3E



Tritanomaly
48BD92

Monochromacy



Original Color
2AC535



Achromatopsia
868686



Achromatomaly
659D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC535 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 #2AC535 looks like.

```
.text, #text, p{  
    color:#2AC535  
}
```

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 #2AC535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC535
}
```

Border

The CSS property to change the border of an element to Hex 2AC535 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
#2AC535 }
```

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

```
.border{ border-color:#2AC535 }
```

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

Here you see how a box with a 4 pixel #2AC535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC535; -webkit-box-shadow:4px 4px  
4px 4px #2AC535; box-shadow:4px 4px 4px  
4px #2AC535 }
```

Background

The CSS property to change the background color of an element to Hex 2AC535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC535 }
```

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

```
.background{ background-color:#2AC535 }
```

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