

Converting Colors

Hex(2AC644)

Have a look what the booklet for
Hex(2AC644) contains.

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Color

Hex(2AC644)

Conversions

Conversions Part 1

Format	Color
Hex	2AC644
RGB	42, 198, 68
RGB Percent	16%, 78%, 27%
CMY	0.8353, 0.2235, 0.7333
CMYK	0.79, 0.00, 0.66, 0.22
HSL	130°, 65%, 47%
HSV	130°, 79%, 78%
XYZ	22.1923, 41.2978, 12.2705
YIQ	136.5360, -51.2460, -73.5020

Conversions

Conversions Part 2

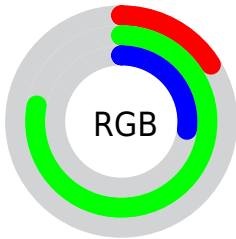
Format	Color
RYB	42, 176, 198
Decimal	2803268
CIELab	70.38, -64.46, 52.33
CIElCh	70, 83.028, 140.927
Yxy	41.2978, 0.2929, 0.5451
Android (android.graphics.Color)	4280993348 (0xFF2AC644)
YUV	136.5360, -33.7882, -82.9081
Hunter-Lab	64.2633, -50.8187, 33.6635

Details

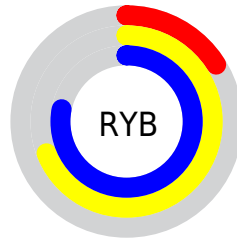
The Hex color **2AC644** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C62AAC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **72FF79**, and **008F03** is the 20% darker color. If you saturate the color by 10%, you get **16C633**, and if you desaturate by 10%, it is **3EC654**.

Distribution



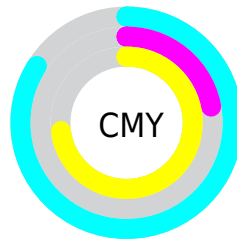
- Red (16%)
- Green (78%)
- Blue (27%)



- Red (16%)
- Yellow (69%)
- Blue (78%)



- Cyan (79%)
- Magenta (0%)
- Yellow (66%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC644 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 2AC644 by changing the saturation by 10% instead.

 2AC644

 2AC644

FFFFFF

 00AA28

 72FF79

 008F03

 91FF95

 007400

 B0FFB0

 005A00

 CEFFCD

 004100

 EDFFEA

 002900

 000300

 000000

 2AC644

 2AC644

 16C633

 3EC654

 02C623

 52C665

 00C621

 65C676

 79C686

 8DC697

 A1C6A7

 B5C6B8

 C8C6C8

 DCC6D9

Harmonies

Analogous

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



9CB800



2AC644



00CD92

Triad

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



2AC644



00BCFF



FF5F7B

Complementary

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



2AC644



C62AAC

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.



FF5CC6



2AC644



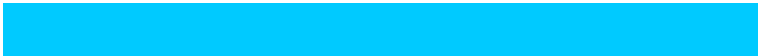
75A2FF

Square

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



2AC644



00CAFF



EF7DFF



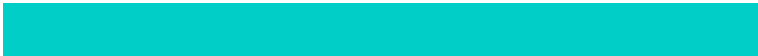
FF7F34

Rectangle

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



2AC644



00CEC7



EF7DFF



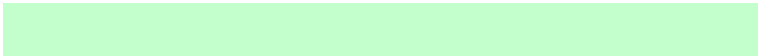
FF5994

Sweetspot

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



2AC644



C2FFCC



ACC62A



5B8061



000000



808080

Same Dimension

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



2AC644



0DFF35



2AC692



5A635B



00A31B



002406

Inverse Universe

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



C62AAC



FF0DD7



C62A5E



635A62



A30088



24001E

Previews

White Background



This preview shows how the Hex color 2AC644 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



This preview shows how the Hex color 2AC644 looks on a 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 2AC644 Background



This preview shows how black text looks on a background with the Hex color 2AC644.

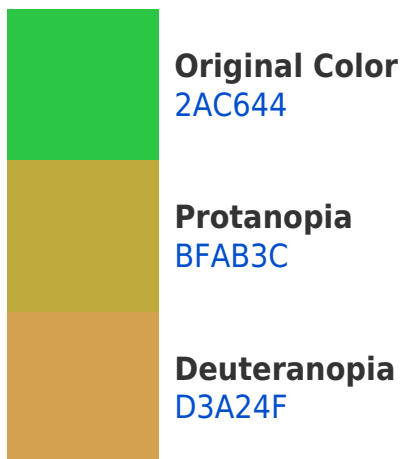


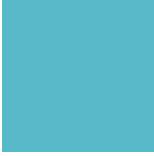
This preview shows how white text looks on a background with the Hex color 2AC644.

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
58B9C8

Trichromacy



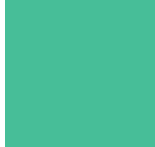
Original Color
2AC644



Protanomaly
89B53F



Deuteranomaly
96AF4B



Tritanomaly
47BE98

Monochromacy



Original Color
2AC644



Achromatopsia
898989



Achromatomaly
669F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC644 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 #2AC644 looks like.

```
.text, #text, p{  
    color:#2AC644  
}
```

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 #2AC644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC644
}
```

Border

The CSS property to change the border of an element to Hex 2AC644 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
#2AC644 }
```

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

```
.border{ border-color:#2AC644 }
```

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

Here you see how a box with a 4 pixel #2AC644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC644; -webkit-box-shadow:4px 4px  
4px 4px #2AC644; box-shadow:4px 4px 4px  
4px #2AC644 }
```

Background

The CSS property to change the background color of an element to Hex 2AC644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC644 }
```

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

```
.background{ background-color:#2AC644 }
```

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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