

Converting Colors

Hex(2AC23C)

Have a look what the booklet for
Hex(2AC23C) contains.

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Color

Hex(2AC23C)

Conversions

Conversions Part 1

Format	Color
Hex	2AC23C
RGB	42, 194, 60
RGB Percent	16%, 76%, 24%
CMY	0.8353, 0.2392, 0.7647
CMYK	0.78, 0.00, 0.69, 0.24
HSL	127°, 64%, 46%
HSV	127°, 78%, 76%
XYZ	21.0622, 39.4021, 10.7702
YIQ	133.2760, -47.5780, -73.8980

Conversions

Conversions Part 2

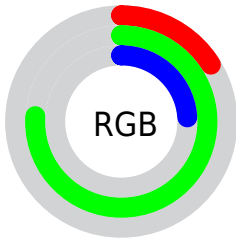
Format	Color
RYB	42, 178, 194
Decimal	2802236
CIELab	69.04, -63.99, 54.13
CIElCh	69, 83.812, 139.772
Yxy	39.4021, 0.2957, 0.5531
Android (android.graphics.Color)	4280992316 (0xFF2AC23C)
YUV	133.2760, -36.1251, -80.0491
Hunter-Lab	62.7711, -49.9553, 33.7668

Details

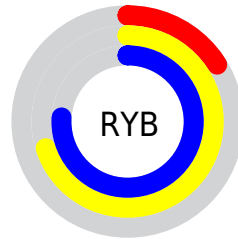
The Hex color **2AC23C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C22AB0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **72FC72**, and **008B00** is the 20% darker color. If you saturate the color by 10%, you get **17C22B**, and if you desaturate by 10%, it is **3DC24D**.

Distribution



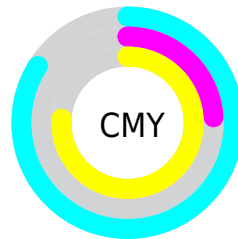
- Red (16%)
- Green (76%)
- Blue (24%)



- Red (16%)
- Yellow (70%)
- Blue (76%)



- Cyan (78%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)



- Cyan (84%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC23C 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 2AC23C by changing the saturation by 10% instead.

 2AC23C

 2AC23C

FFFFFF

 00A61F

 72FC72

 008B00

 91FF8D

 007000

 AFFFA9

 005600

 CEFFC5

 003E00

 ECFFE2

 002500

 000000

 2AC23C

 2AC23C

 17C22B

 3DC24D

 03C21A

 51C25E

 00C217

 64C26F

 78C280

 8BC292

 9EC2A3

 B2C2B4

 C5C2C5

 D9C2D6

Harmonies

Analogous

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



9BB400



2AC23C



00C98B

Triad

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



2AC23C



00B9FF



FF587A

Complementary

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



2AC23C



C22AB0

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.



FF57C6



2AC23C



66A0FF

Square

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



2AC23C



00C6FF



E97BFF



FF7A32

Rectangle

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



2AC23C



00CBC0



E97BFF



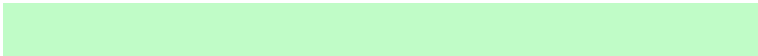
FF5293

Sweetspot

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



2AC23C



C0FCC7



B0C22A



5B805F



000000



808080

Same Dimension

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



2AC23C



0FFC2B



2AC288



576158



00A113



002104

Inverse Universe

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



C22AB0



FC0FE0



C22A64



615760



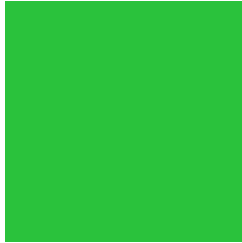
A1008E



21001D

Previews

White Background



This preview shows how the Hex color 2AC23C looks on a white background.

Color Contrast Check

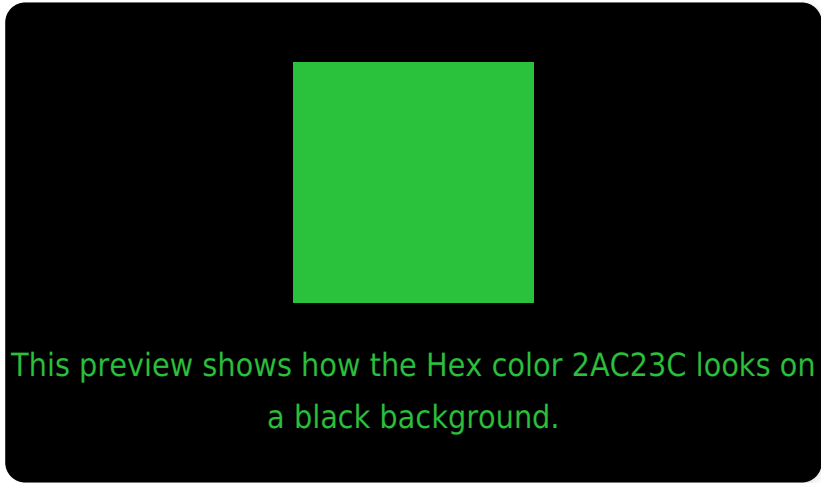
Large Text (above 18pt) WCAG AA × Fail

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 2AC23C Background



This preview shows how black text looks on a background with the Hex color 2AC23C.

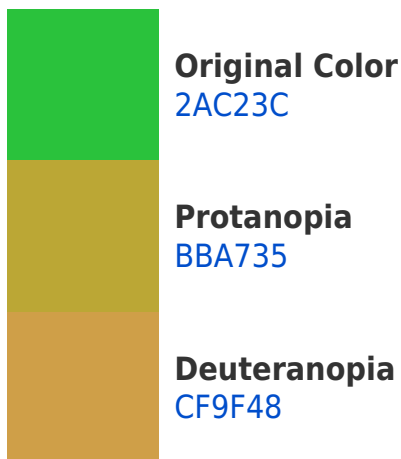


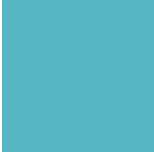
This preview shows how white text looks on a background with the Hex color 2AC23C.

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
57B5C4

Trichromacy



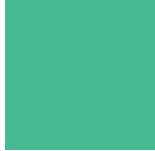
Original Color
2AC23C



Protanomaly
86B138



Deuteranomaly
93AC44



Tritanomaly
47BA93

Monochromacy



Original Color
2AC23C



Achromatopsia
858585



Achromatomaly
649B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC23C 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 #2AC23C looks like.

```
.text, #text, p{  
    color:#2AC23C  
}
```

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 #2AC23C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC23C
}
```

Border

The CSS property to change the border of an element to Hex 2AC23C 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
#2AC23C }
```

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

```
.border{ border-color:#2AC23C }
```

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

Here you see how a box with a 4 pixel #2AC23C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC23C; -webkit-box-shadow:4px 4px  
4px 4px #2AC23C; box-shadow:4px 4px 4px  
4px #2AC23C }
```

Background

The CSS property to change the background color of an element to Hex 2AC23C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC23C }
```

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

```
.background{ background-color:#2AC23C }
```

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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