

Converting Colors

Hex(4BC43E)

Have a look what the booklet for
Hex(4BC43E) contains.

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Color

Hex(4BC43E)

Conversions

Conversions Part 1

Format	Color
Hex	4BC43E
RGB	75, 196, 62
RGB Percent	29%, 77%, 24%
CMY	0.7059, 0.2314, 0.7569
CMYK	0.62, 0.00, 0.68, 0.23
HSL	114°, 53%, 51%
HSV	114°, 68%, 77%
XYZ	23.5111, 41.3235, 11.2945
YIQ	144.5450, -29.1020, -67.3260

Conversions

Conversions Part 2

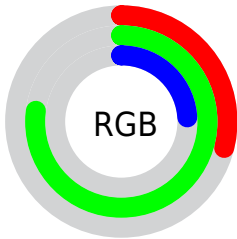
Format	Color
RYB	62, 196, 183
Decimal	4965438
CIELab	70.40, -58.55, 55.00
CIELCh	70, 80.332, 136.794
Yxy	41.3235, 0.3088, 0.5428
Android (android.graphics.Color)	4283155518 (0xFF4BC43E)
YUV	144.5450, -40.6947, -60.9910
Hunter-Lab	64.2834, -47.2111, 34.5812

Details

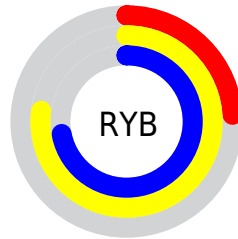
The Hex color **4BC43E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **B73EC4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **88FE74**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **39C42A**, and if you desaturate by 10%, it is **5DC452**.

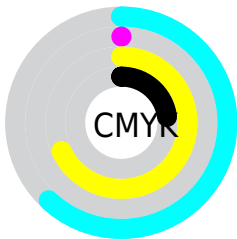
Distribution



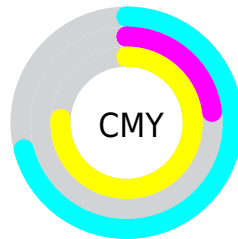
- Red (29%)
- Green (77%)
- Blue (24%)



- Red (24%)
- Yellow (77%)
- Blue (72%)



- Cyan (62%)
- Magenta (0%)
- Yellow (68%)
- Black (23%)



- Cyan (71%)
- Magenta (23%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BC43E 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 4BC43E by changing the saturation by 10% instead.

 4BC43E

 4BC43E

FFFFFF

 26A821

 88FE74

 008D00

 A6FF8F

 007200

 C4FFAB

 005900

 E2FFC7

 004000

 FFFFE4

 002900

 000300

 000000

 4BC43E

 4BC43E

 39C42A

 5DC452

 28C417

 6EC465

 16C403

 80C479

 13C400

 92C48C

 A3C4A0

 B5C4B4

 C7C4C7

 D9C4DB

 EAC4EE

Harmonies

Analogous

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



A7B500



4BC43E



00CB88

Triad

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



4BC43E



00BEFF



FF6086

Complementary

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



4BC43E



B73EC4

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.



FF64D0



4BC43E



5DA7FF

Square

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



4BC43E



00CAFF



E285FF



FF7D42

Rectangle

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



4BC43E



00CDBB



E285FF



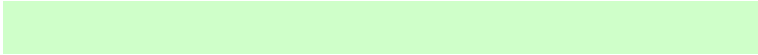
FF5D9F

Sweetspot

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



4BC43E



CFFFC9



C4B73E



638060



000000



808080

Same Dimension

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



4BC43E



42FF2E



3EC474



586157



10A100



032100

Inverse Universe

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



B73EC4



EB2EFF



C43E8E



605761



9100A1



1E0021

Previews

White Background



This preview shows how the Hex color 4BC43E looks on a white background.

Color Contrast Check

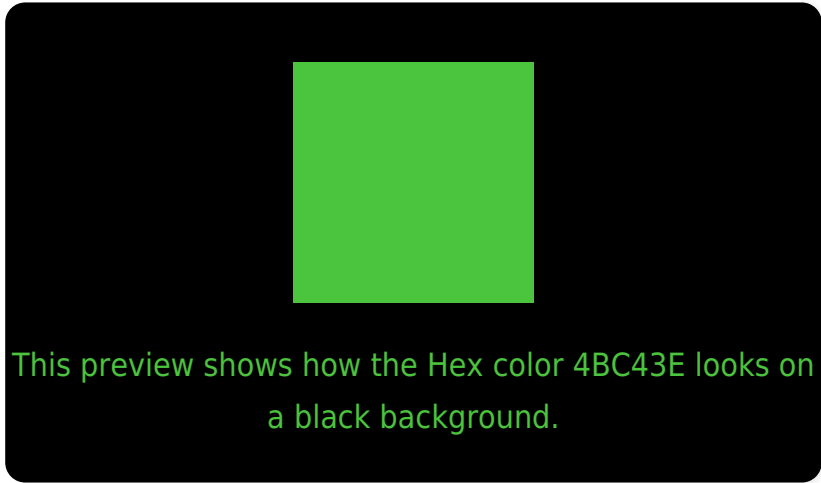
Large Text (above 18pt) WCAG AA × Fail

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

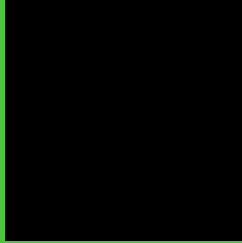
Any Text WCAG AA ✓ Pass

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 4BC43E Background



This preview shows how black text looks on a background with the Hex color 4BC43E.

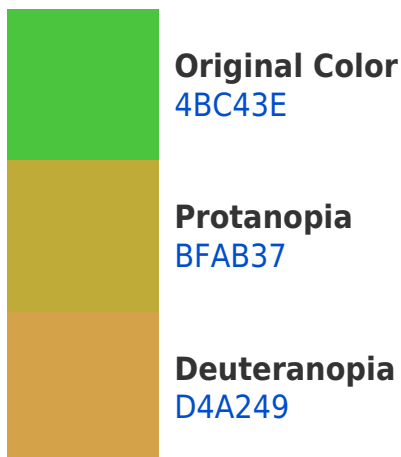


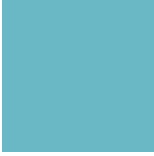
This preview shows how white text looks on a background with the Hex color 4BC43E.

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
6AB7C6

Trichromacy



Original Color
4BC43E



Protanomaly
95B43A



Deuteranomaly
A2AE45



Tritanomaly
5FBC95

Monochromacy



Original Color
4BC43E



Achromatopsia
919191



Achromatomaly
78A473

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BC43E 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 #4BC43E looks like.

```
.text, #text, p{  
    color:#4BC43E  
}
```

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 #4BC43E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC43E  
}
```

Border

The CSS property to change the border of an element to Hex 4BC43E 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  
#4BC43E }
```

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

```
.border{ border-color:#4BC43E }
```

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

Here you see how a box with a 4 pixel #4BC43E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC43E; -webkit-box-shadow:4px 4px  
4px 4px #4BC43E; box-shadow:4px 4px 4px  
4px #4BC43E }
```

Background

The CSS property to change the background color of an element to Hex 4BC43E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC43E }
```

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

```
.background{ background-color:#4BC43E }
```

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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