

Converting Colors

Hex(4BE03B)

Have a look what the booklet for
Hex(4BE03B) contains.

Hex(4BE03B)	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(4BE03B)

Conversions

Conversions Part 1

Format	Color
Hex	4BE03B
RGB	75, 224, 59
RGB Percent	29%, 88%, 23%
CMY	0.7059, 0.1216, 0.7686
CMYK	0.67, 0.00, 0.74, 0.12
HSL	114°, 73%, 55%
HSV	114°, 74%, 88%
XYZ	30.3467, 55.1229, 13.1780
YIQ	160.6390, -35.8390, -82.9030

Conversions

Conversions Part 2

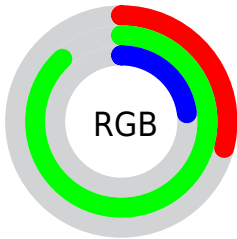
Format	Color
RYB	59, 224, 208
Decimal	4972603
CIELab	79.11, -68.23, 65.06
CIELCh	79, 94.272, 136.363
Yxy	55.1229, 0.3076, 0.5588
Android (android.graphics.Color)	4283162683 (0xFF4BE03B)
YUV	160.6390, -50.1080, -75.1054
Hunter-Lab	74.2448, -56.9686, 41.4477

Details

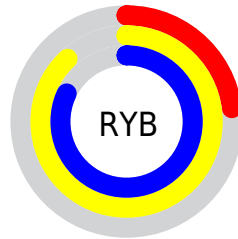
The Hex color **4BE03B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **D03BE0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8DFF74**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **37E025**, and if you desaturate by 10%, it is **5FE051**.

Distribution



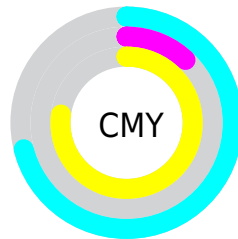
- Red (29%)
- Green (88%)
- Blue (23%)



- Red (23%)
- Yellow (88%)
- Blue (82%)



- Cyan (67%)
- Magenta (0%)
- Yellow (74%)
- Black (12%)



- Cyan (71%)
- Magenta (12%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BE03B 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 4BE03B by changing the saturation by 10% instead.

 4BE03B

 4BE03B

FFFFFF

 1DC318

 8DFF74

 00A700

 ACFF90

 008C00

 CBFFAD

 007100

 EAFFC9

 005700

 FFFF7E

 003E00

 002600

 000000

 4BE03B

 4BE03B

 37E025

 5FE051

 23E00E

 73E068

 16E000

 88E07E

 9CE095

 B0E0AB

 C4E0C1

 D9E0D8

 EDE0EE

 FFE0FF

Harmonies

Analogous

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



BECF00



4BE03B



00E997

Triad

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



4BE03B



00DAFF



FF6398

Complementary

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



4BE03B



D03BE0

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.



FF69F0



4BE03B



52BEFF

Square

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



4BE03B



00E7FF



FF94FF



FF8945

Rectangle

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



4BE03B



00EBD5



FF94FF



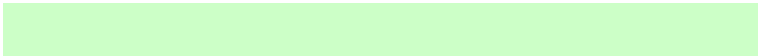
FF5EB5

Sweetspot

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



4BE03B



CCFFC7



E0D03B



62805E



000000



808080

Same Dimension

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



4BE03B



34FF1F



3BE07D



667065



11B000



053000

Inverse Universe

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



D03BE0



E91FFF



E03B9E



6F6570



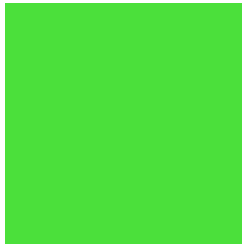
9F00B0



2C0030

Previews

White Background



This preview shows how the Hex color 4BE03B looks on a white background.

Color Contrast Check

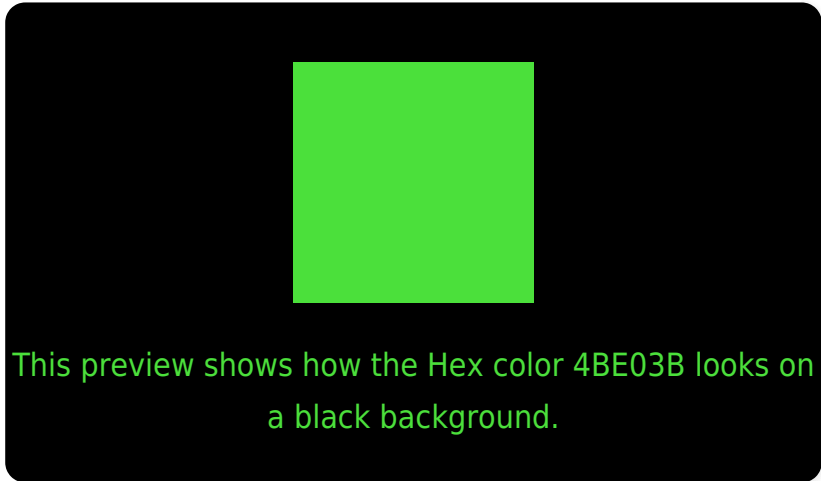
Large Text (above 18pt) WCAG AA × Fail

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

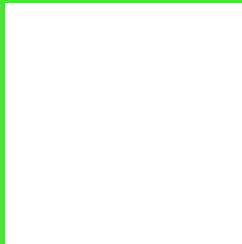
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4BE03B Background



This preview shows how black text looks on a background with the Hex color 4BE03B.

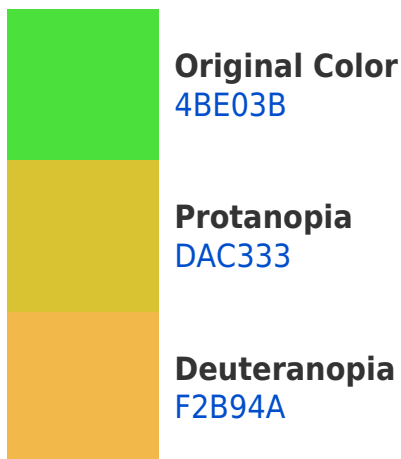


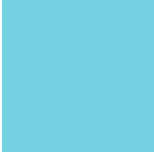
This preview shows how white text looks on a background with the Hex color 4BE03B.

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
73D1E2

Trichromacy



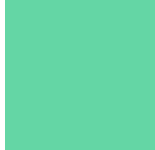
Original Color
4BE03B



Protanomaly
A6CE36



Deuteranomaly
B5C745



Tritanomaly
64D6A5

Monochromacy



Original Color
4BE03B



Achromatopsia
A1A1A1



Achromatomaly
82B87C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BE03B 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 #4BE03B looks like.

```
.text, #text, p{  
    color:#4BE03B  
}
```

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 #4BE03B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BE03B
}
```

Border

The CSS property to change the border of an element to Hex 4BE03B 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
#4BE03B }
```

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

```
.border{ border-color:#4BE03B }
```

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

Here you see how a box with a 4 pixel #4BE03B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BE03B; -webkit-box-shadow:4px 4px  
4px 4px #4BE03B; box-shadow:4px 4px 4px  
4px #4BE03B }
```

Background

The CSS property to change the background color of an element to Hex 4BE03B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BE03B }
```

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

```
.background{ background-color:#4BE03B }
```

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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