

Converting Colors

Hex(4BBF3B)

Have a look what the booklet for
Hex(4BBF3B) contains.

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Color

Hex(4BBF3B)

Conversions

Conversions Part 1

Format	Color
Hex	4BBF3B
RGB	75, 191, 59
RGB Percent	29%, 75%, 23%
CMY	0.7059, 0.2510, 0.7686
CMYK	0.61, 0.00, 0.69, 0.25
HSL	113°, 53%, 49%
HSV	113°, 69%, 75%
XYZ	22.3219, 39.0732, 10.5031
YIQ	141.2680, -26.7640, -65.6440

Conversions

Conversions Part 2

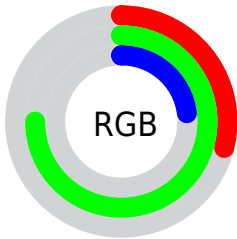
Format	Color
RYB	59, 191, 175
Decimal	4964155
CIELab	68.80, -57.05, 54.49
CIElCh	69, 78.892, 136.315
Yxy	39.0732, 0.3105, 0.5435
Android (android.graphics.Color)	4283154235 (0xFF4BBF3B)
YUV	141.2680, -40.5581, -58.1170
Hunter-Lab	62.5086, -45.6475, 33.7937

Details

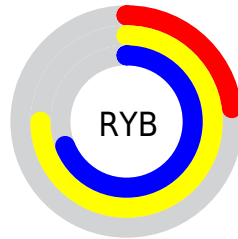
The Hex color **4BBF3B** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **AF3BBF**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **88F871**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **3ABF28**, and if you desaturate by 10%, it is **5CBF4E**.

Distribution



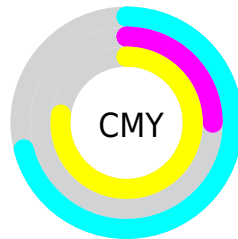
- Red (29%)
- Green (75%)
- Blue (23%)



- Red (23%)
- Yellow (75%)
- Blue (69%)



- Cyan (61%)
- Magenta (0%)
- Yellow (69%)
- Black (25%)



- Cyan (71%)
- Magenta (25%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BBF3B 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 4BBF3B by changing the saturation by 10% instead.



4BBF3B



4BBF3B

FFFFFF



27A31E



88F871



008800



A5FF8C



006E00



C3FFA8



005400



E1FFC4



003C00



FFFFE1



002500

FFFFFFE



000000



4BBF3B



4BBF3B



3ABF28



5CBF4E

 29BF15

 6DBF61

 19BF02

 7DBF74

 17BF00

 8EBF87

 9FBF9B

 B0BFAE

 C0BFC1

 D1BFD4

 E2BFE7

Harmonies

Analogous

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



A4B000



4BBF3B



00C684

Triad

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



4BBF3B



00B9FF



FF5E84

Complementary

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



4BBF3B



AF3BBF

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.



FF62CC



4BBF3B



56A3FF

Square

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



4BBF3B



00C5FF



DB82FF



FF7941

Rectangle

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



4BBF3B



00C8B5



DB82FF



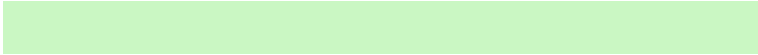
FF5A9C

Sweetspot

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



4BBF3B



CAF7C3



BFAD3B



617D5E



FCFCFC



7D7D7D

Same Dimension

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



4BBF3B



43F72A



3BBF6B



565E55



139E00



041F00

Inverse Universe

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



AF3BBF



DE2AF7



BF3B8F



5D555E



8B009E



1B001F

Previews

White Background



This preview shows how the Hex color 4BBF3B looks on a white background.

Color Contrast Check

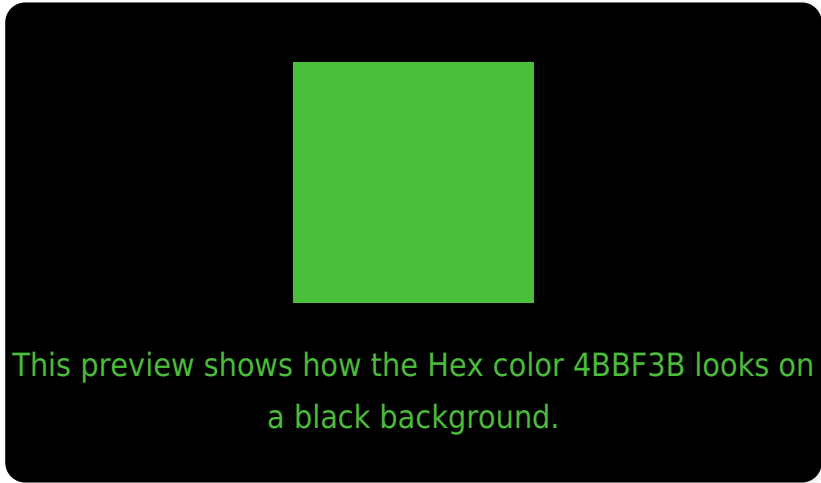
Large Text (above 18pt) WCAG AA × Fail

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

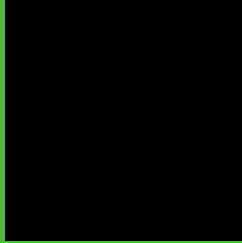
Any Text WCAG AA ✓ Pass

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 4BBF3B Background



This preview shows how black text looks on a background with the Hex color 4BBF3B.

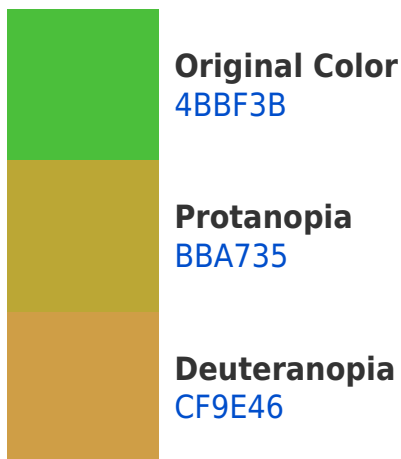


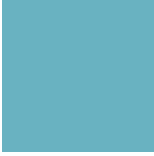
This preview shows how white text looks on a background with the Hex color 4BBF3B.

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
69B2C1

Trichromacy



Original Color
4BBF3B



Protanomaly
92B037



Deuteranomaly
9FAA42



Tritanomaly
5EB790

Monochromacy



Original Color
4BBF3B



Achromatopsia
8D8D8D



Achromatomaly
759F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BBF3B 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 #4BBF3B looks like.

```
.text, #text, p{  
    color:#4BBF3B  
}
```

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 #4BBF3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BBF3B
}
```

Border

The CSS property to change the border of an element to Hex 4BBF3B 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
#4BBF3B }
```

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

```
.border{ border-color:#4BBF3B }
```

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

Here you see how a box with a 4 pixel #4BBF3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BBF3B; -webkit-box-shadow:4px 4px  
4px 4px #4BBF3B; box-shadow:4px 4px 4px  
4px #4BBF3B }
```

Background

The CSS property to change the background color of an element to Hex 4BBF3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BBF3B }
```

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

```
.background{ background-color:#4BBF3B }
```

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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