

Converting Colors

Hex(2BC71B)

Have a look what the booklet for
Hex(2BC71B) contains.

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Color

Hex(2BC71B)

Conversions

Conversions Part 1

Format	Color
Hex	2BC71B
RGB	43, 199, 27
RGB Percent	17%, 78%, 11%
CMY	0.8314, 0.2196, 0.8941
CMYK	0.78, 0.00, 0.86, 0.22
HSL	114°, 76%, 44%
HSV	114°, 86%, 78%
XYZ	21.6175, 41.4396, 7.8962
YIQ	132.7480, -37.7640, -86.5640

Conversions

Conversions Part 2

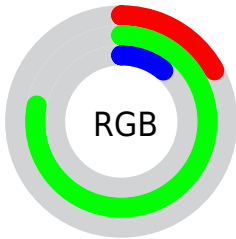
Format	Color
RYB	27, 199, 183
Decimal	2869019
CIELab	70.48, -67.57, 65.71
CIElCh	70, 94.245, 135.800
Yxy	41.4396, 0.3047, 0.5840
Android (android.graphics.Color)	4281059099 (0xFF2BC71B)
YUV	132.7480, -52.1338, -78.7090
Hunter-Lab	64.3736, -52.7110, 37.7889

Details

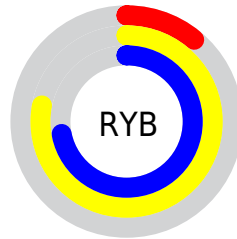
The Hex color **2BC71B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **B71BC7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **75FF5A**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **19C707**, and if you desaturate by 10%, it is **3DC72F**.

Distribution



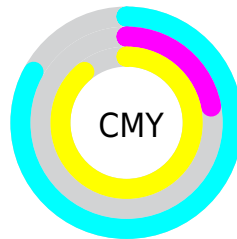
- Red (17%)
- Green (78%)
- Blue (11%)



- Red (11%)
- Yellow (78%)
- Blue (72%)



- Cyan (78%)
- Magenta (0%)
- Yellow (86%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC71B 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 2BC71B by changing the saturation by 10% instead.

 2BC71B

 2BC71B

FFFFFF

 00AB00

 75FF5A

 008F00

 94FF77

 007500

 B3FF93

 005B00

 D2FFAF

 004100

 F1FFCC

 002900

 FFFFE9

 000300

 000000

 2BC71B

 2BC71B

 19C707

 3DC72F

 13C700

 4FC743

 61C757

 73C76B

 85C77E

 97C792

 A9C7A6

 BBC7BA

 CDC7CE

Harmonies

Analogous

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



A6B600



2BC71B



00CF7F

Triad

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



2BC71B



00C2FF



FF4283

Complementary

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



2BC71B



B71BC7

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.



FF4BD9



2BC71B



00A8FF

Square

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



2BC71B



00CFFF



E67DFE



FF6F30

Rectangle

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



2BC71B



00D1BB



E67DFF



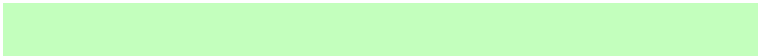
FF3CA0

Sweetspot

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



2BC71B



C3FFBD



C7B61B



5C8058



000000



808080

Same Dimension

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



2BC71B



18FF00



1BC760



5A635A



0FA300



032400

Inverse Universe

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



B71BC7



E700FF



C71B82



635A63



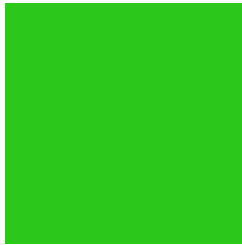
9400A3



200024

Previews

White Background



This preview shows how the Hex color 2BC71B looks on a white background.

Color Contrast Check

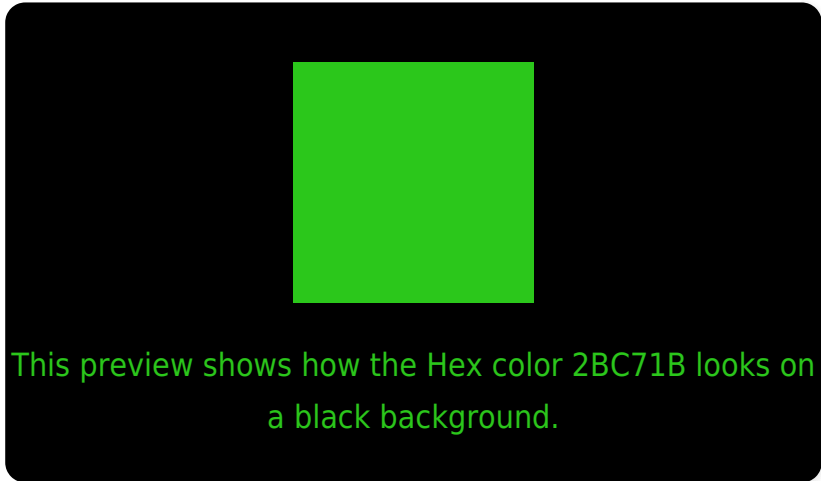
Large Text (above 18pt) WCAG AA × Fail

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

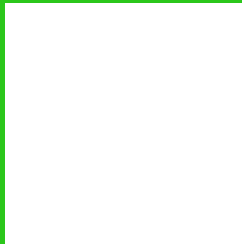
Any Text WCAG AAA ✓ Pass

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

Hex 2BC71B Background



This preview shows how black text looks on a background with the Hex color 2BC71B.

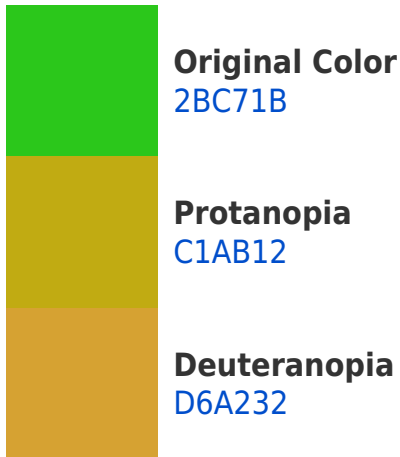


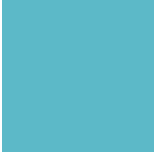
This preview shows how white text looks on a background with the Hex color 2BC71B.

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
5CB9C8

Trichromacy



Original Color
2BC71B



Protanomaly
8AB515



Deuteranomaly
98AF2A



Tritanomaly
4ABE89

Monochromacy



Original Color
2BC71B



Achromatopsia
858585



Achromatomaly
649D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC71B 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 #2BC71B looks like.

```
.text, #text, p{  
    color:#2BC71B  
}
```

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 #2BC71B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC71B
}
```

Border

The CSS property to change the border of an element to Hex 2BC71B 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
#2BC71B }
```

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

```
.border{ border-color:#2BC71B }
```

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

Here you see how a box with a 4 pixel #2BC71B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC71B; -webkit-box-shadow:4px 4px  
4px 4px #2BC71B; box-shadow:4px 4px 4px  
4px #2BC71B }
```

Background

The CSS property to change the background color of an element to Hex 2BC71B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC71B }
```

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

```
.background{ background-color:#2BC71B }
```

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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