

Converting Colors

Hex(B5C33B)

Have a look what the booklet for
Hex(B5C33B) contains.

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Color

Hex(B5C33B)

Conversions

Conversions Part 1

Format	Color
Hex	B5C33B
RGB	181, 195, 59
RGB Percent	71%, 76%, 23%
CMY	0.2902, 0.2353, 0.7686
CMYK	0.07, 0.00, 0.70, 0.24
HSL	66°, 54%, 50%
HSV	66°, 70%, 76%
XYZ	39.3606, 49.1697, 11.5539
YIQ	175.3100, 35.3120, -45.2640

Conversions

Conversions Part 2

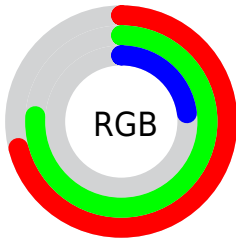
Format	Color
RYB	59, 195, 73
Decimal	11911995
CIELab	75.56, -21.95, 63.17
CIELCh	76, 66.877, 109.164
Yxy	49.1697, 0.3933, 0.4913
Android (android.graphics.Color)	4290102075 (0xFFB5C33B)
YUV	175.3100, -57.3408, 4.9901
Hunter-Lab	70.1211, -22.5159, 39.3156

Details

The Hex color **B5C33B** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **493BC3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F0FB72**, and **7D8D00** is the 20% darker color. If you saturate the color by 10%, you get **B3C328**, and if you desaturate by 10%, it is **B7C34F**.

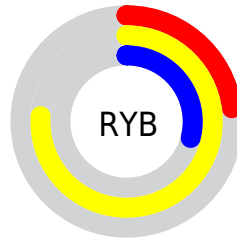
Distribution



Red (71%)

Green (76%)

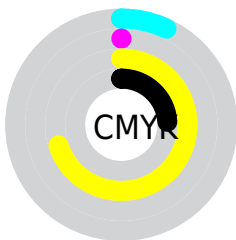
Blue (23%)



Red (23%)

Yellow (76%)

Blue (29%)

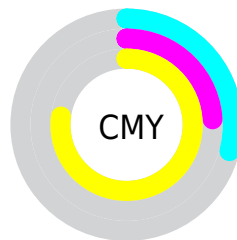


Cyan (7%)

Magenta (0%)

Yellow (70%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5C33B 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 B5C33B by changing the saturation by 10% instead.

 B5C33B

 B5C33B

FFFFFF

 99A81B

 F0FB72

 7D8D00

 FFFF8E

 617400


 FFFF8A

 475B00

 FFFF86

 2C4400

 FFFF83

 112E00

 001B00

 000000

 B5C33B

 B5C33B

 B3C328

 B7C34F

 B1C314

 B9C362

 AFC301

 BBC376

 AFC300

 BDC389

 BFC39D

 C1C3B0

 C3C3C4

 C5C3D7

 C7C3EB

Harmonies

Analogous

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



ECAF39



B5C33B



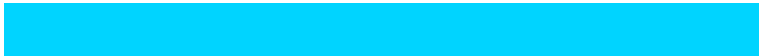
6BD065

Triad

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



B5C33B



00D4FF



FF84D3

Complementary

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



B5C33B



493BC3

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.



EF99FF



B5C33B



00C8FF

Square

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



B5C33B



00D8E1



93B3FF



FF8495

Rectangle

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



B5C33B



00D58C



93B3FF



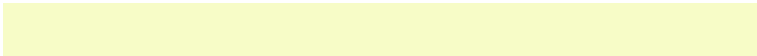
FF8AE7

Sweetspot

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



B5C33B



F7FCC7



C3493B



7C8060



000000



808080

Same Dimension

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



B5C33B



E7FC28



71C33B



606157



90A100



1E2100

Inverse Universe

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



493BC3



3E28FC



8D3BC3



585761



1100A1



030021

Previews

White Background



This preview shows how the Hex color B5C33B looks on a white background.

Color Contrast Check

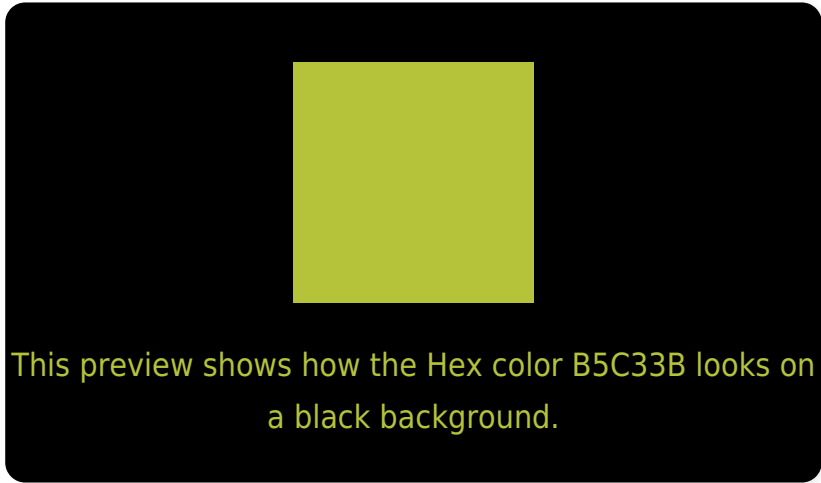
Large Text (above 18pt) WCAG AA × Fail

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 B5C33B Background



This preview shows how black text looks on a background with the Hex color B5C33B.

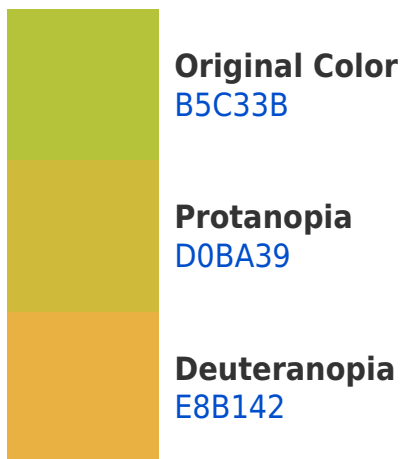


This preview shows how white text looks on a background with the Hex color B5C33B.

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](#).

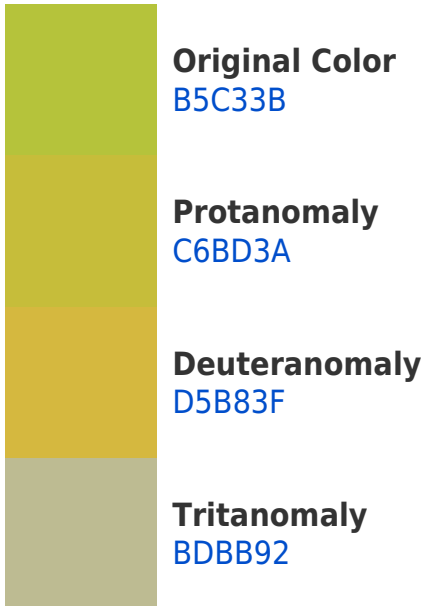
Dichromacy



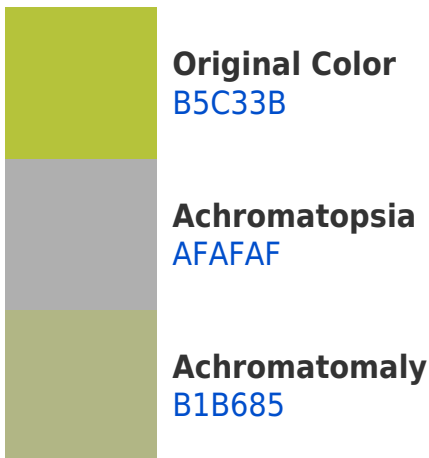


Tritanopia
C2B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5C33B 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 #B5C33B looks like.

```
.text, #text, p{  
    color:#B5C33B  
}
```

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 #B5C33B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C33B
}
```

Border

The CSS property to change the border of an element to Hex B5C33B 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
#B5C33B }
```

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

```
.border{ border-color:#B5C33B }
```

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

Here you see how a box with a 4 pixel #B5C33B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C33B; -webkit-box-shadow:4px 4px  
4px 4px #B5C33B; box-shadow:4px 4px 4px  
4px #B5C33B }
```

Background

The CSS property to change the background color of an element to Hex B5C33B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C33B }
```

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

```
.background{ background-color:#B5C33B }
```

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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