

Converting Colors

Hex(B2CB3C)

Have a look what the booklet for
Hex(B2CB3C) contains.

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Color

Hex(B2CB3C)

Conversions

Conversions Part 1

Format	Color
Hex	B2CB3C
RGB	178, 203, 60
RGB Percent	70%, 80%, 24%
CMY	0.3020, 0.2039, 0.7647
CMYK	0.12, 0.00, 0.70, 0.20
HSL	70°, 58%, 52%
HSV	70°, 70%, 80%
XYZ	40.5316, 52.5031, 12.2728
YIQ	179.2230, 31.0030, -49.7730

Conversions

Conversions Part 2

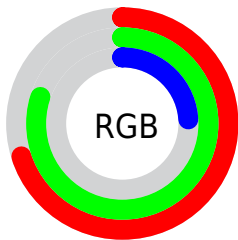
Format	Color
RYB	60, 203, 85
Decimal	11717436
CIELab	77.58, -27.02, 64.74
CIELCh	78, 70.147, 112.654
Yxy	52.5031, 0.3849, 0.4986
Android (android.graphics.Color)	4289907516 (0xFFB2CB3C)
YUV	179.2230, -58.7769, -1.0726
Hunter-Lab	72.4590, -26.9551, 40.6790

Details

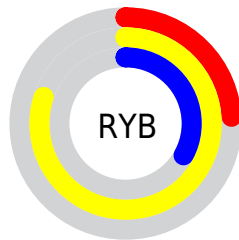
The Hex color **B2CB3C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **553CCB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **ECFF74**, and **7A9500** is the 20% darker color. If you saturate the color by 10%, you get **AECB28**, and if you desaturate by 10%, it is **B6CB50**.

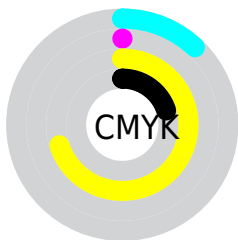
Distribution



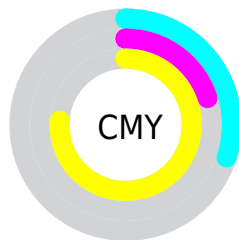
- Red (70%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (33%)



- Cyan (12%)
- Magenta (0%)
- Yellow (70%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2CB3C 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 B2CB3C by changing the saturation by 10% instead.

 B2CB3C

 B2CB3C

FFFFFF

 96B01C

 ECFF74

 7A9500

 FFFF90

 5E7B00

 FFFFAC

 446200

 FFFFC8

 284A00

 FFFF E5

 0A3300

 002000

 000000

 B2CB3C

 B2CB3C

 AECB28

 B6CB50

 ABCB13

 B9CB65

 A8CB00

 BDCB79

 C0CB8D

 C4CBA2

 C7CBB6

 CBCBCA

 CECBDE

 D2CBF3

Harmonies

Analogous

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



F0B734



B2CB3C



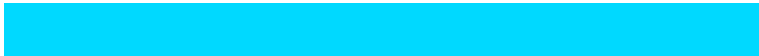
5FD86D

Triad

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



B2CB3C



00D9FF



FF85D3

Complementary

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



B2CB3C



553CCB

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.



FF99FF



B2CB3C



00CCFF

Square

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



B2CB3C



00DFF0



A4B5FF



FF8791

Rectangle

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



B2CB3C



00DD97



A4B5FF



FF8AE8

Sweetspot

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



B2CB3C



F6FFC9



CB543C



7A8060



000000



808080

Same Dimension

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



B2CB3C



D9FF26



6CCB3C



64665C



89A600



202600

Inverse Universe

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



553CCB



4C26FF



9B3CCB



5E5C66



1D00A6



070026

Previews

White Background



This preview shows how the Hex color B2CB3C looks on a white background.

Color Contrast Check

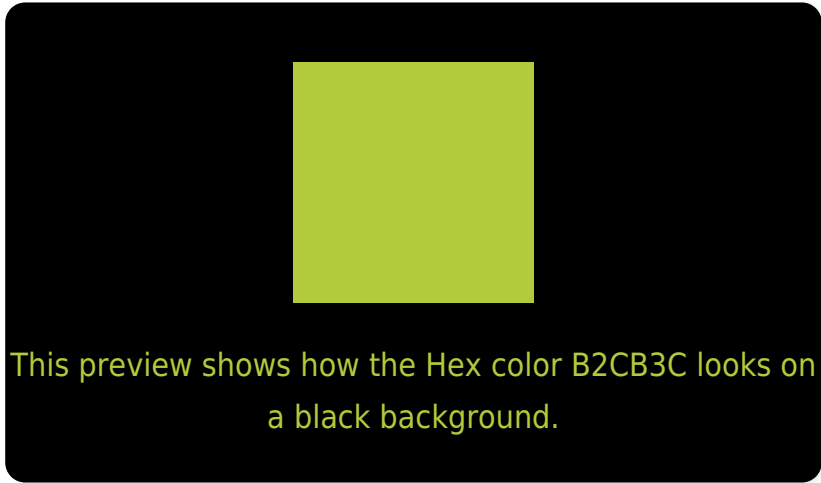
Large Text (above 18pt) WCAG AA × Fail

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 B2CB3C Background



This preview shows how black text looks on a background with the Hex color B2CB3C.

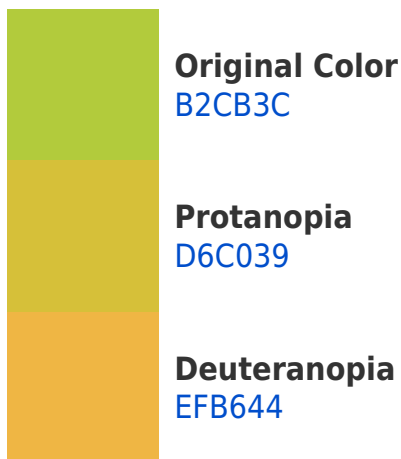


This preview shows how white text looks on a background with the Hex color B2CB3C.

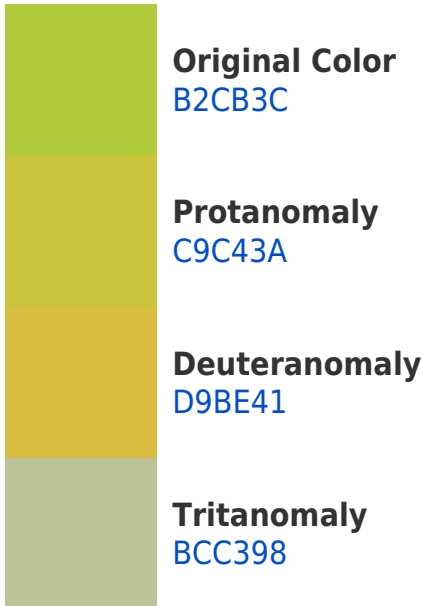
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2CB3C 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 #B2CB3C looks like.

```
.text, #text, p{  
    color:#B2CB3C  
}
```

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 #B2CB3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CB3C
}
```

Border

The CSS property to change the border of an element to Hex B2CB3C 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
#B2CB3C }
```

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

```
.border{ border-color:#B2CB3C }
```

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

Here you see how a box with a 4 pixel #B2CB3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CB3C; -webkit-box-shadow:4px 4px  
4px 4px #B2CB3C; box-shadow:4px 4px 4px  
4px #B2CB3C }
```

Background

The CSS property to change the background color of an element to Hex B2CB3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CB3C }
```

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

```
.background{ background-color:#B2CB3C }
```

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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