

Converting Colors

Hex(B2CA3B)

Have a look what the booklet for
Hex(B2CA3B) contains.

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Color

Hex(B2CA3B)

Conversions

Conversions Part 1

Format	Color
Hex	B2CA3B
RGB	178, 202, 59
RGB Percent	70%, 79%, 23%
CMY	0.3020, 0.2078, 0.7686
CMYK	0.12, 0.00, 0.71, 0.21
HSL	70°, 57%, 51%
HSV	70°, 71%, 79%
XYZ	40.2700, 52.0218, 12.0564
YIQ	178.5220, 31.5990, -49.5610

Conversions

Conversions Part 2

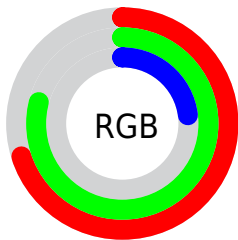
Format	Color
RYB	59, 202, 83
Decimal	11717179
CIELab	77.29, -26.59, 64.81
CIELCh	77, 70.056, 112.309
Yxy	52.0218, 0.3859, 0.4985
Android (android.graphics.Color)	4289907259 (0xFFB2CA3B)
YUV	178.5220, -58.9243, -0.4578
Hunter-Lab	72.1261, -26.5592, 40.5775

Details

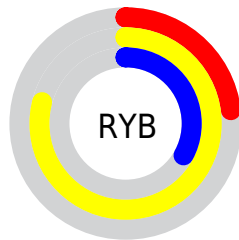
The Hex color **B2CA3B** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **533BCA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **ECFF73**, and **7A9400** is the 20% darker color. If you saturate the color by 10%, you get **AFCA27**, and if you desaturate by 10%, it is **B5CA4F**.

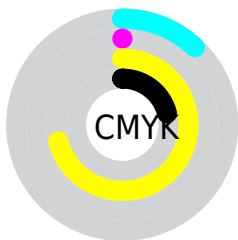
Distribution



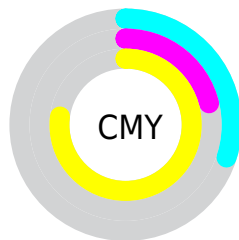
- Red (70%)
- Green (79%)
- Blue (23%)



- Red (23%)
- Yellow (79%)
- Blue (33%)



- Cyan (12%)
- Magenta (0%)
- Yellow (71%)
- Black (21%)



- Cyan (30%)
- Magenta (21%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2CA3B 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 B2CA3B by changing the saturation by 10% instead.

 B2CA3B

 B2CA3B

FFFFFF

 96AF1A

 ECFF73

 7A9400

 FFFF8F

 5E7A00

 FFFFAB

 446100

 FFFF87

 284900

 FFFF84

 0A3300

 001F00

 000000

 B2CA3B

 B2CA3B

 AFCA27

 B5CA4F

 ABCA13

 B9CA63

 A8CA00

 BCCA78

 C0CA8C

 C3CAA0

 C6CAB4

 CACAC8

 CDCADD

 D1CAF1

Harmonies

Analogous

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



EFB633



B2CA3B



5FD76B

Triad

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



B2CA3B



00D9FF



FF84D2

Complementary

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



B2CA3B



533BCA

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.



FE99FF



B2CA3B



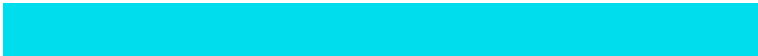
00CBFF

Square

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



B2CA3B



00DEEE



A2B5FF



FF8691

Rectangle

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



B2CA3B



00DC95



A2B5FF



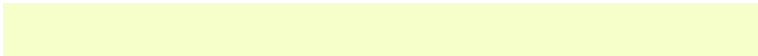
FF89E8

Sweetspot

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



B2CA3B



F6FFC9



CA533B



7A8060



000000



808080

Same Dimension

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



B2CA3B



DBFF26



6BCA3B



64665C



8AA600



202600

Inverse Universe

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



533BCA



4B26FF



9A3BCA



5E5C66



1C00A6



060026

Previews

White Background



This preview shows how the Hex color B2CA3B looks on a white background.

Color Contrast Check

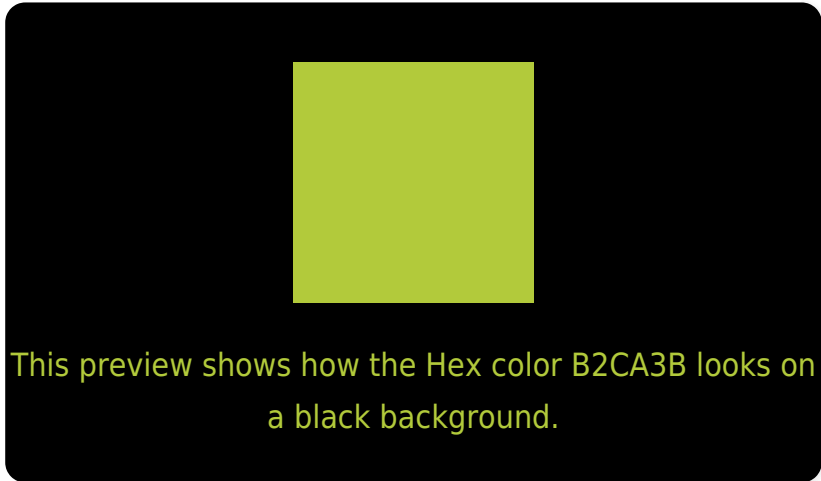
Large Text (above 18pt) WCAG AA × Fail

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 B2CA3B Background



This preview shows how black text looks on a background with the Hex color B2CA3B.

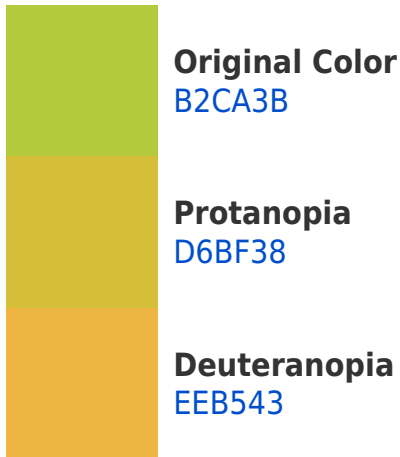


This preview shows how white text looks on a background with the Hex color B2CA3B.

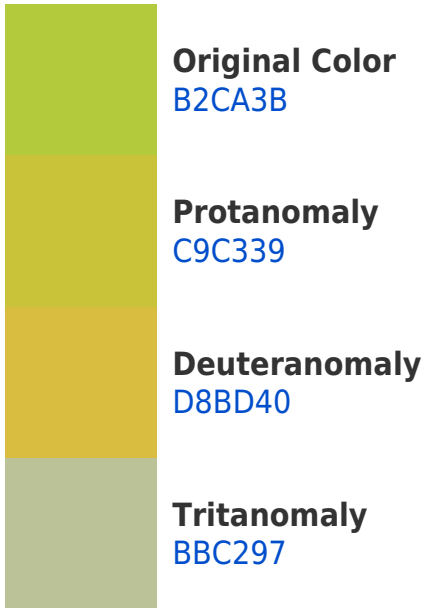
Color Blindness Simulation

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 B2CA3B 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 #B2CA3B looks like.

```
.text, #text, p{  
    color:#B2CA3B  
}
```

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 #B2CA3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CA3B
}
```

Border

The CSS property to change the border of an element to Hex B2CA3B 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
#B2CA3B }
```

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

```
.border{ border-color:#B2CA3B }
```

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

Here you see how a box with a 4 pixel #B2CA3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CA3B; -webkit-box-shadow:4px 4px  
4px 4px #B2CA3B; box-shadow:4px 4px 4px  
4px #B2CA3B }
```

Background

The CSS property to change the background color of an element to Hex B2CA3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CA3B }
```

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

```
.background{ background-color:#B2CA3B }
```

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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