

Converting Colors

Hex(B3CD3E)

Have a look what the booklet for
Hex(B3CD3E) contains.

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Color

Hex(**B3CD3E**)

Conversions

Conversions Part 1

Format	Color
Hex	B3CD3E
RGB	179, 205, 62
RGB Percent	70%, 80%, 24%
CMY	0.2980, 0.1961, 0.7569
CMYK	0.13, 0.00, 0.70, 0.20
HSL	71°, 59%, 52%
HSV	71°, 70%, 80%
XYZ	41.2912, 53.5941, 12.7259
YIQ	180.9240, 30.4070, -49.9850

Conversions

Conversions Part 2

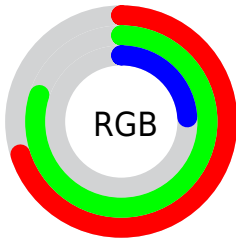
Format	Color
RYB	62, 205, 88
Decimal	11783486
CIELab	78.22, -27.46, 64.67
CIELCh	78, 70.258, 113.004
Yxy	53.5941, 0.3837, 0.4980
Android (android.graphics.Color)	4289973566 (0xFFB3CD3E)
YUV	180.9240, -58.6295, -1.6873
Hunter-Lab	73.2080, -27.4354, 40.9392

Details

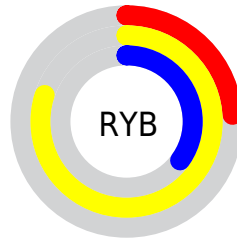
The Hex color **B3CD3E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **583ECD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EEFF76**, and **7B9700** is the 20% darker color. If you saturate the color by 10%, you get **AFCD2A**, and if you desaturate by 10%, it is **B7CD53**.

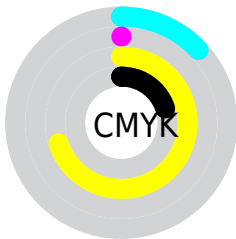
Distribution



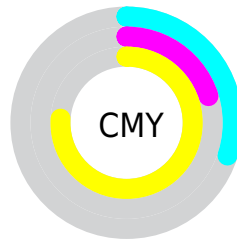
- Red (70%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (35%)



- Cyan (13%)
- Magenta (0%)
- Yellow (70%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B3CD3E 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 B3CD3E by changing the saturation by 10% instead.

 B3CD3E

 B3CD3E

FFFFFF

 97B21E

 EEEF76

 7B9700

 FFFF92

 5F7D00

 FFFFAE

 456400

 FFFFCA

 294C00

 FFFFEE7

 0A3500

 002100

 000000

 B3CD3E

 B3CD3E

 AFCD2A

 B7CD53

 ACCD15

 BACD67

 A8CD01

 BECD7C

 A8CD00

 C2CD90

 C6CDA5

 C9CDB9

 CDCDCE

 D1CDE2

 D5CDF7

Harmonies

Analogous

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



F1B935



B3CD3E



5FDA6F

Triad

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



B3CD3E



00DBFF



FF86D4

Complementary

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



B3CD3E



583ECD

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.



FF9BFF



B3CD3E



00CDFF

Square

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



B3CD3E



00E1F3



A8B7FF



FF8992

Rectangle

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



B3CD3E



00DF99



A8B7FF



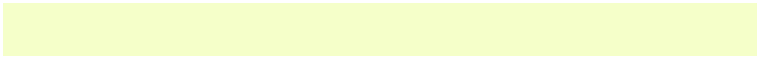
FF8BE9

Sweetspot

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



B3CD3E



F5FFC9



CD563E



7A8060



000000



808080

Same Dimension

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



B3CD3E



D8FF29



6ECD3E



64665C



88A600



1F2600

Inverse Universe

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



583ECD



5029FF



9D3ECD



5E5C66



1E00A6



070026

Previews

White Background



This preview shows how the Hex color B3CD3E looks on a white background.

Color Contrast Check

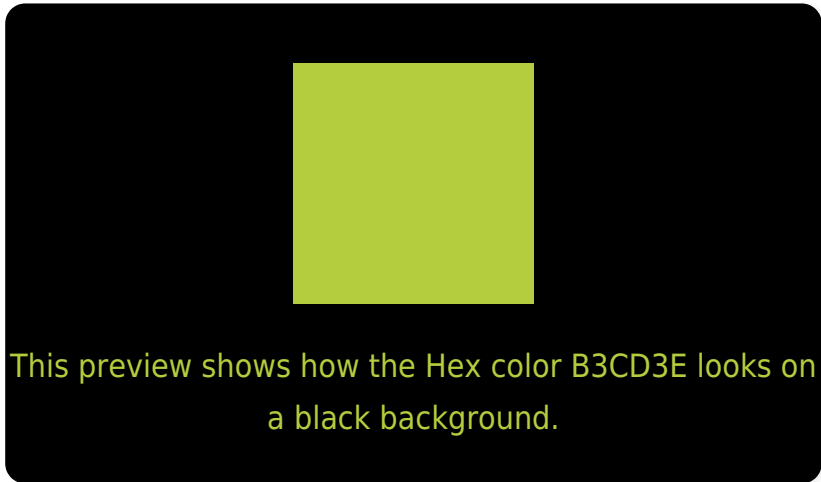
Large Text (above 18pt) WCAG AA × Fail

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 B3CD3E Background



This preview shows how black text looks on a background with the Hex color B3CD3E.

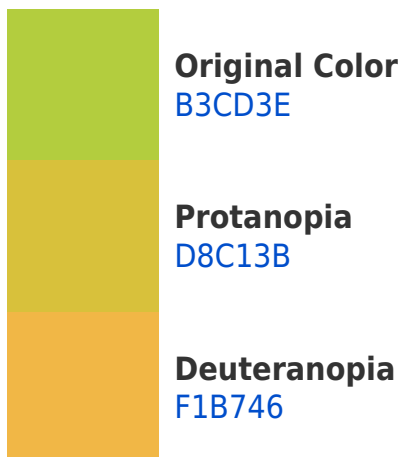


This preview shows how white text looks on a background with the Hex color B3CD3E.

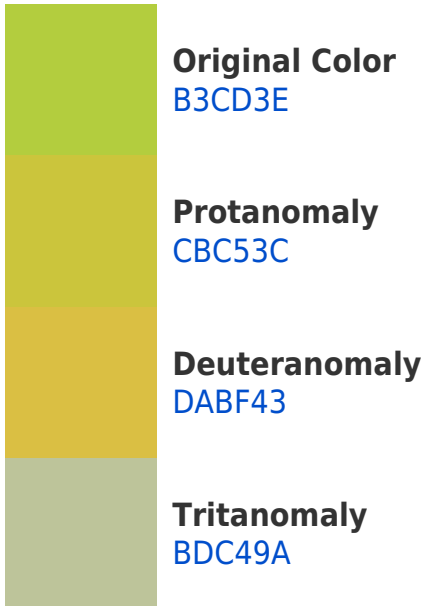
Color Blindness Simulation

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 B3CD3E 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 #B3CD3E looks like.

```
.text, #text, p{  
    color:#B3CD3E  
}
```

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 #B3CD3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CD3E
}
```

Border

The CSS property to change the border of an element to Hex B3CD3E 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
#B3CD3E }
```

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

```
.border{ border-color:#B3CD3E }
```

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

Here you see how a box with a 4 pixel #B3CD3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CD3E; -webkit-box-shadow:4px 4px  
4px 4px #B3CD3E; box-shadow:4px 4px 4px  
4px #B3CD3E }
```

Background

The CSS property to change the background color of an element to Hex B3CD3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CD3E }
```

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

```
.background{ background-color:#B3CD3E }
```

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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