

# Converting Colors

Hex(B3C54C)

Have a look what the booklet for  
Hex(B3C54C) contains.

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**Color**

**Hex(B3C54C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C54C
RGB	179, 197, 76
RGB Percent	70%, 77%, 30%
CMY	0.2980, 0.2275, 0.7020
CMYK	0.09, 0.00, 0.61, 0.23
HSL	69°, 51%, 54%
HSV	69°, 61%, 77%
XYZ	39.8612, 50.0380, 14.3949
YIQ	177.8240, 28.1130, -41.4470

# Conversions

## Conversions Part 2

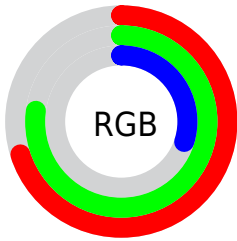
Format	Color
<a href="#">RYB</a>	<a href="#">76, 197, 94</a>
Decimal	<a href="#">11781452</a>
CIELab	<a href="#">76.09, -22.69, 56.89</a>
CIELCh	<a href="#">76, 61.253, 111.743</a>
Yxy	<a href="#">50.0380, 0.3822, 0.4798</a>
Android (android.graphics.Color)	<a href="#">4289971532 (0xFFB3C54C)</a>
YUV	<a href="#">177.8240, -50.1992, 1.0314</a>
Hunter-Lab	<a href="#">70.7376, -23.2046, 37.4510</a>

# Details

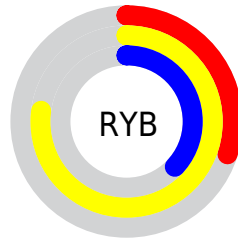
The Hex color **B3C54C** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **5E4CC5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EDFE82**, and **7B8F10** is the 20% darker color. If you saturate the color by 10%, you get **B0C538**, and if you desaturate by 10%, it is **B6C560**.

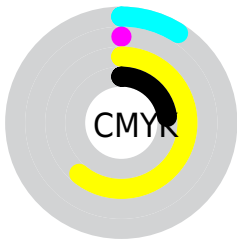
# Distribution



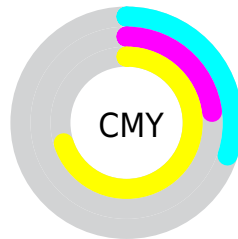
- Red (70%)
- Green (77%)
- Blue (30%)



- Red (30%)
- Yellow (77%)
- Blue (37%)



- Cyan (9%)
- Magenta (0%)
- Yellow (61%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3C54C 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 B3C54C by changing the saturation by 10% instead.



 B3C54C

 B3C54C

FFFFFF

 97AA31

 EDFE82

 7B8F10

 FFFF9D

 607600

 FFFFB9

 465D00

 FFFF66

 2C4500

 FFFF33

 112F00

 001C00

 000000

 B3C54C

 B3C54C

 B0C538

 B6C560

 ADC525

 B9C573

 AAC511

 BCC587

 A8C500

 BFC59B

 C2C5AF

 C5C5C2

 C8C5D6

 CAC5EA

 CDC5FD

# Harmonies

## Analogous

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



E9B347



B3C54C



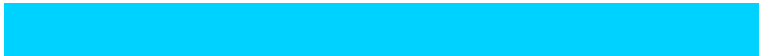
6ED172

# Triad

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



B3C54C



00D2FF



FF8BCE

# Complementary

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



B3C54C



5E4CC5

# 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.



F29CFF



B3C54C



00C6FF

# Square

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



B3C54C



00D7E4



A4B3FF



FF8C95

# Rectangle

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



B3C54C



0ED596



A4B3FF



FF8FE0



# Sweetspot

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



B3C54C



F8FFD1



C55C4C



7B8063



000000



808080



# Same Dimension

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



B3C54C



E3FF42



78C54C



62635A



8BA300



1E2400



# Inverse Universe

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



5E4CC5



5E42FF



994CC5



5B5A63



1800A3



050024



# Previews

## White Background



This preview shows how the Hex color B3C54C looks on a white background.

## Color Contrast Check

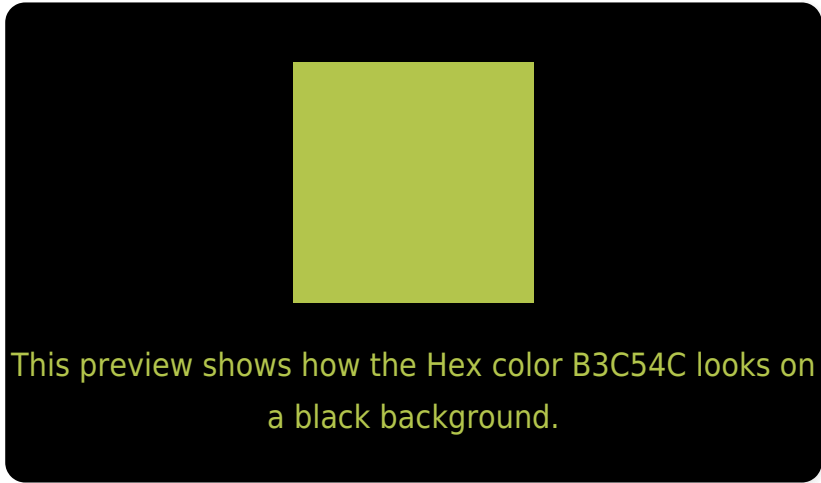
Large Text (above 18pt) WCAG AA × Fail

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 B3C54C Background



This preview shows how black text looks on a background with the Hex color B3C54C.

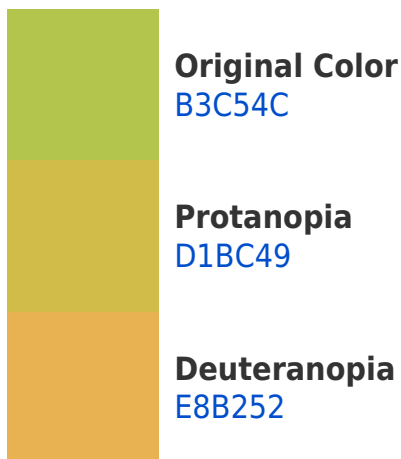


This preview shows how white text looks on a background with the Hex color B3C54C.

# 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](#).

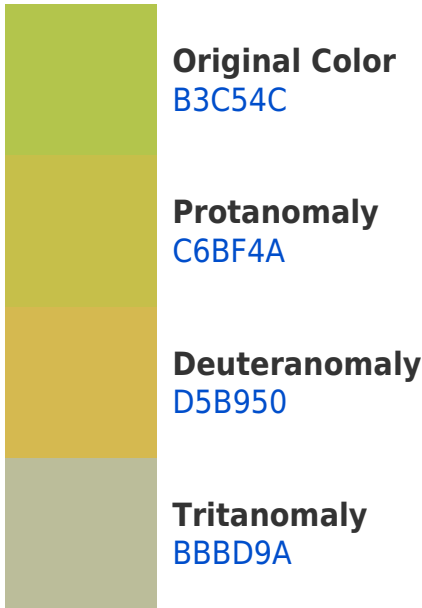
## Dichromacy





**Tritanopia**  
C0B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3C54C 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 #B3C54C looks like.

```
.text, #text, p{  
    color:#B3C54C  
}
```

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 #B3C54C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C54C
}
```

## Border

The CSS property to change the border of an element to Hex B3C54C 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
#B3C54C }
```

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

```
.border{ border-color:#B3C54C }
```

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

Here you see how a box with a 4 pixel #B3C54C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C54C; -webkit-box-shadow:4px 4px  
4px 4px #B3C54C; box-shadow:4px 4px 4px  
4px #B3C54C }
```

# Background

The CSS property to change the background color of an element to Hex B3C54C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C54C }
```

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

```
.background{ background-color:#B3C54C }
```

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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