

# Converting Colors

Hex(B3C35B)

Have a look what the booklet for  
Hex(B3C35B) contains.

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**Color**

**Hex(B3C35B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C35B
RGB	179, 195, 91
RGB Percent	70%, 76%, 36%
CMY	0.2980, 0.2353, 0.6431
CMYK	0.08, 0.00, 0.53, 0.24
HSL	69°, 46%, 56%
HSV	69°, 53%, 76%
XYZ	39.9938, 49.3693, 17.3188
YIQ	178.3600, 23.8480, -35.7360

# Conversions

## Conversions Part 2

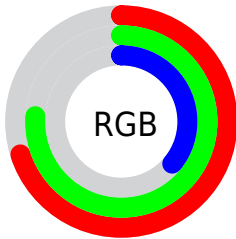
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 195, 107
Decimal	11780955
CIELab	75.68, -20.50, 49.71
CIElCh	76, 53.767, 112.412
Yxy	49.3693, 0.3749, 0.4628
Android (android.graphics.Color)	4289971035 (0xFFB3C35B)
YUV	178.3600, -43.0685, 0.5613
Hunter-Lab	70.2633, -21.3585, 34.5702

# Details

The Hex color **B3C35B** 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 **6B5BC3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **ECFC90**, and **7C8D27** is the 20% darker color. If you saturate the color by 10%, you get **B0C348**, and if you desaturate by 10%, it is **B6C36E**.

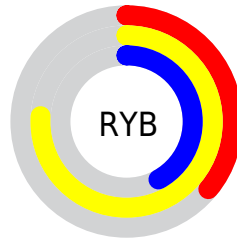
# Distribution



Red (70%)

Green (76%)

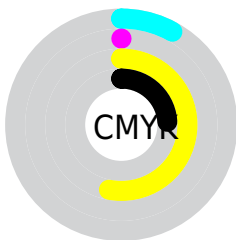
Blue (36%)



Red (36%)

Yellow (76%)

Blue (42%)

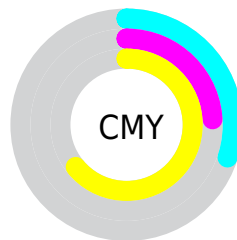


Cyan (8%)

Magenta (0%)

Yellow (53%)

Black (24%)



Cyan (30%)

Magenta (24%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3C35B 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 B3C35B by changing the saturation by 10% instead.



 B3C35B

 B3C35B


FFFFFF

 97A841

 ECFC90

 7C8D27

 FFFFAB

 617406

 FFFFC7

 475B00

 FFFFEE4

 2F4400

 142D00

 001B00

 000000

 B3C35B

 B3C35B

 B0C348

 B6C36E

 ADC334

 B9C382

 AAC320

 BCC395

 A7C30D

 BFC3A9

 A5C300

 C2C3BC

 C5C3D0

 C8C3E3

 CBC3F7

 CEC3FF

# Harmonies

## Analogous

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



E3B356



B3C35B



78CE7C

# Triad

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



B3C35B



00CFFF



FF92C9

# Complementary

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



B3C35B



6B5BC3

# 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.



EC9FF8



B3C35B



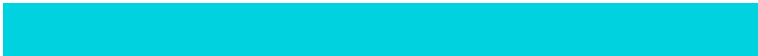
39C3FF

# Square

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



B3C35B



00D3DF



AAB2FF



FF9397

# Rectangle

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



B3C35B



3FD29B



AAB2FF



FF95DA



# Sweetspot

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



B3C35B



F6FCD4



C36B5B



7C8067



000000



808080



# Same Dimension

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



B3C35B



E4FC5B



7FC35B



5F6157



88A100



1C2100



# Inverse Universe

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



6B5BC3



745BFC



9F5BC3



595761



1900A1



050021



# Previews

## White Background



This preview shows how the Hex color B3C35B 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



This preview shows how the Hex color B3C35B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

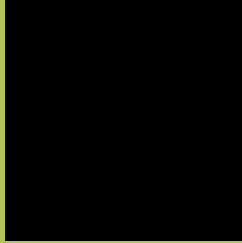
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3C35B Background



This preview shows how black text looks on a background with the Hex color B3C35B.

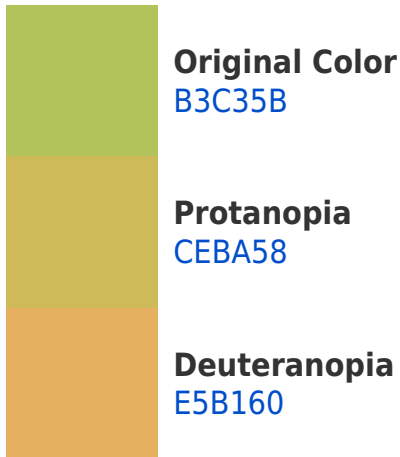


This preview shows how white text looks on a background with the Hex color B3C35B.

# 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](#).

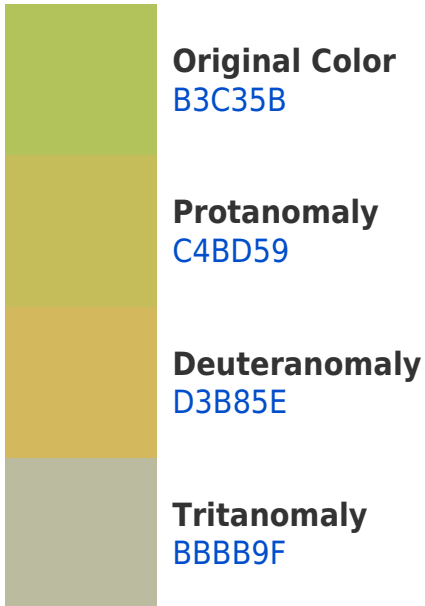
## Dichromacy





**Tritanopia**  
BFB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3C35B 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 #B3C35B looks like.

```
.text, #text, p{  
    color:#B3C35B  
}
```

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 #B3C35B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C35B
}
```

## Border

The CSS property to change the border of an element to Hex B3C35B 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
#B3C35B }
```

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

```
.border{ border-color:#B3C35B }
```

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

Here you see how a box with a 4 pixel #B3C35B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C35B; -webkit-box-shadow:4px 4px  
4px 4px #B3C35B; box-shadow:4px 4px 4px  
4px #B3C35B }
```

# Background

The CSS property to change the background color of an element to Hex B3C35B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C35B }
```

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

```
.background{ background-color:#B3C35B }
```

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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