

# Converting Colors

Hex(B3E44C)

Have a look what the booklet for  
Hex(B3E44C) contains.

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# Color

Hex(B3E44C)

# Conversions

## Conversions Part 1

Format	Color
Hex	B3E44C
RGB	179, 228, 76
RGB Percent	70%, 89%, 30%
CMY	0.2980, 0.1059, 0.7020
CMYK	0.21, 0.00, 0.67, 0.11
HSL	79°, 74%, 60%
HSV	79°, 67%, 89%
XYZ	47.6383, 65.5923, 16.9873
YIQ	196.0210, 19.5880, -57.6600

# Conversions

## Conversions Part 2

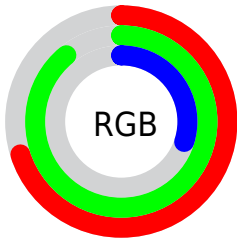
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 228, 125
Decimal	11789388
CIELab	84.79, -37.26, 66.11
CIELCh	85, 75.883, 119.409
Yxy	65.5923, 0.3658, 0.5037
Android (android.graphics.Color)	4289979468 (0xFFB3E44C)
YUV	196.0210, -59.1704, -14.9274
Hunter-Lab	80.9891, -36.7360, 44.2564

# Details

The Hex color **B3E44C** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7D4CE4**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **EEFF84**, and **7AAC01** is the 20% darker color. If you saturate the color by 10%, you get **ACE435**, and if you desaturate by 10%, it is **BAE463**.

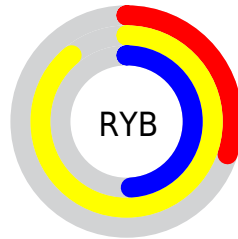
# Distribution



Red (70%)

Green (89%)

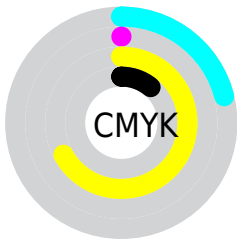
Blue (30%)



Red (30%)

Yellow (89%)

Blue (49%)

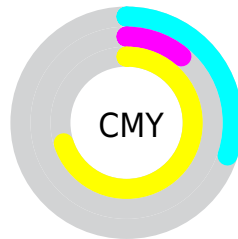


Cyan (21%)

Magenta (0%)

Yellow (67%)

Black (11%)



Cyan (30%)

Magenta (11%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3E44C 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 B3E44C by changing the saturation by 10% instead.



 B3E44C

 B3E44C

FFFFFF

 96C82E

 EEFF84

 7AAC01

 FFFFA0

 5E9200

 FFFFBD

 427800

 FFFFDA

 255F00

 FFFFF7

 004600

 002F00

 001900

 000000

 B3E44C

 B3E44C

 ACE435

 BAE463

 A4E41E

 C2E47A

 9DE408

 C9E490

 9AE400

 D0E4A7

 D8E4BE

 DFE4D5

 E6E4EC

 EEE4FF

 F5E4FF

# Harmonies

## Analogous

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



FAD035



B3E44C



47F087

# Triad

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



B3E44C



00EDFF



FF91D8

# Complementary

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



B3E44C



7D4CE4

# 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.



FFA3FF



B3E44C



00DCFF

# Square

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



B3E44C



00F5FF



D2C1FF



FF9A91

# Rectangle

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



B3E44C



00F5B7



D2C1FF



FF94F0

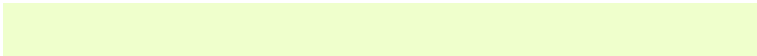


# Sweetspot

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



B3E44C



EFFFC



E47C4C



768061



000000



808080



# Same Dimension

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



B3E44C



BDFF33



68E44C



6F7367



79B300



233300



# Inverse Universe

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



7D4CE4



7533FF



C84CE4



6B6773



3A00B3



100033



# Previews

## White Background



This preview shows how the Hex color B3E44C looks on a white background.

## Color Contrast Check

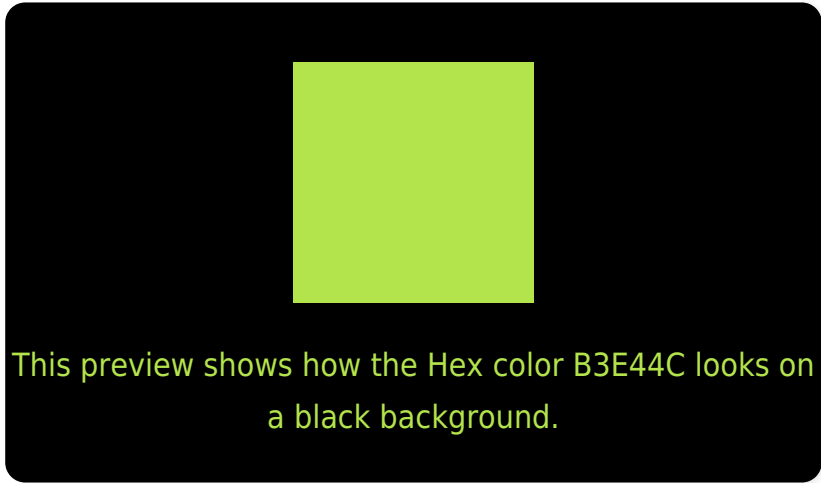
Large Text (above 18pt) WCAG AA × Fail

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 B3E44C Background



This preview shows how black text looks on a background with the Hex color B3E44C.

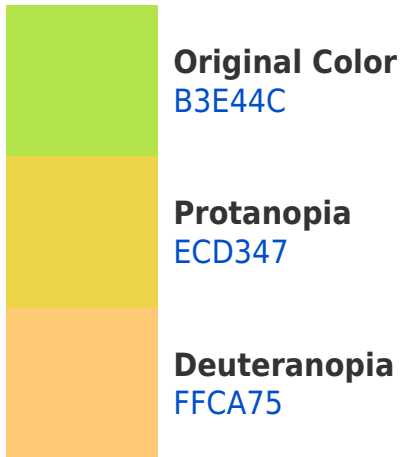


This preview shows how white text looks on a background with the Hex color B3E44C.

# 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](#).

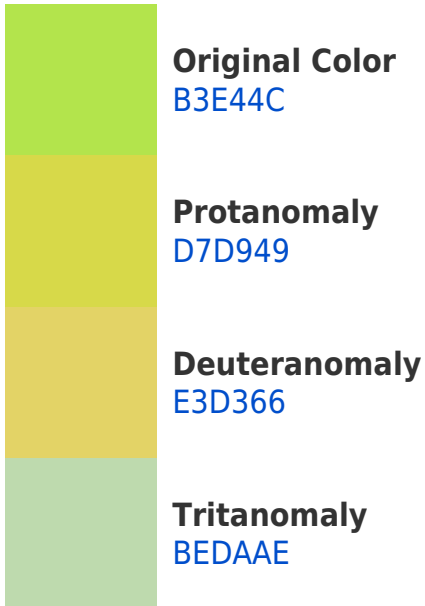
## Dichromacy



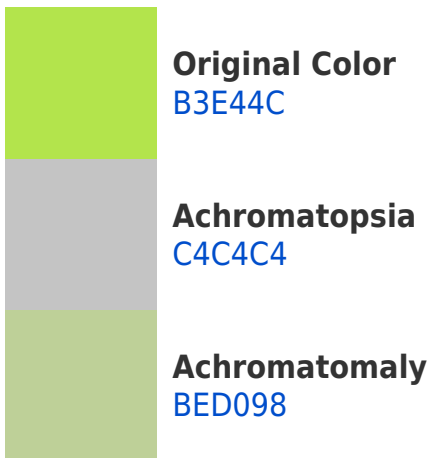


**Tritanopia**  
C5D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3E44C 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 #B3E44C looks like.

```
.text, #text, p{  
    color:#B3E44C  
}
```

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 #B3E44C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E44C
}
```

## Border

The CSS property to change the border of an element to Hex B3E44C 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
#B3E44C }
```

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

```
.border{ border-color:#B3E44C }
```

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

Here you see how a box with a 4 pixel #B3E44C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E44C; -webkit-box-shadow:4px 4px  
4px 4px #B3E44C; box-shadow:4px 4px 4px  
4px #B3E44C }
```

# Background

The CSS property to change the background color of an element to Hex B3E44C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E44C }
```

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

```
.background{ background-color:#B3E44C }
```

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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