

# Converting Colors

Hex(B3ED4F)

Have a look what the booklet for  
Hex(B3ED4F) contains.

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# Color

Hex(**B3ED4F**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B3ED4F
RGB	179, 237, 79
RGB Percent	70%, 93%, 31%
CMY	0.2980, 0.0706, 0.6902
CMYK	0.24, 0.00, 0.67, 0.07
HSL	82°, 81%, 62%
HSV	82°, 67%, 93%
XYZ	50.2859, 70.7166, 18.3965
YIQ	201.6460, 16.1500, -61.4340

# Conversions

## Conversions Part 2

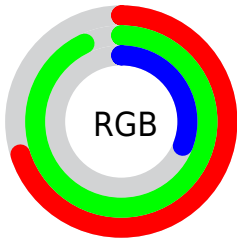
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 237, 137
Decimal	11791695
CIELab	87.35, -41.07, 67.62
CIELCh	87, 79.112, 121.271
Yxy	70.7166, 0.3607, 0.5073
Android (android.graphics.Color)	4289981775 (0xFFB3ED4F)
YUV	201.6460, -60.4645, -19.8605
Hunter-Lab	84.0932, -40.4239, 45.8948

# Details

The Hex color **B3ED4F** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **894FED**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **EEFF87**, and **7AB504** is the 20% darker color. If you saturate the color by 10%, you get **AAED37**, and if you desaturate by 10%, it is **BCED67**.

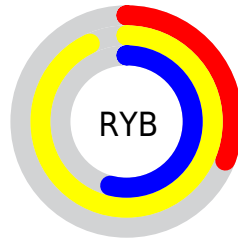
# Distribution



Red (70%)

Green (93%)

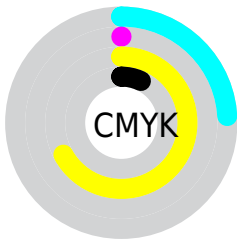
Blue (31%)



Red (31%)

Yellow (93%)

Blue (54%)

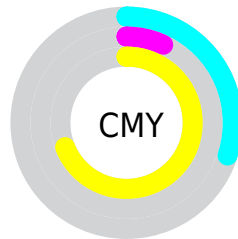


Cyan (24%)

Magenta (0%)

Yellow (67%)

Black (7%)



Cyan (30%)

Magenta (7%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3ED4F 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 B3ED4F by changing the saturation by 10% instead.



 B3ED4F

 B3ED4F

FFFFFFF

 96D131

 EEEF87

 7AB504

 FFFFA4

 5D9A00

 FFFFC0

 417F00

 FFFFDD

 236600

 FFFFFB

 004D00

 003600

 002100

 000000

 B3ED4F

 B3ED4F

 AAED37

 BCED67

 A2ED20

 C4ED7E

 99ED08

 CDED96

 96ED00

 D6EDAE

 DEEDC6

 E7EDDD

 F0EDF5

 F9EDFF

 FFEDFF

# Harmonies

## Analogous

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



FFD833



B3ED4F



36F98F

# Triad

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



B3ED4F



00F5FF



FF94DB

# Complementary

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



B3ED4F



894FED

# 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.



FFA5FF



B3ED4F



00E2FF

# Square

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



B3ED4F



00FEFF



E0C6FF



FF9F91

# Rectangle

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



B3ED4F



00FEC2



E0C6FF



FF97F4

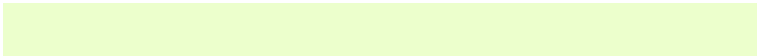


# Sweetspot

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



B3ED4F



ECFFCC



ED894F



748061



000000



808080



# Same Dimension

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



B3ED4F



B4FF33



64ED4F



71756A



73B500



223600



# Inverse Universe

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



894FED



7E33FF



D84FED



6E6A75



4200B5

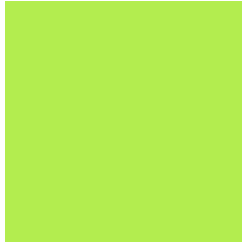


140036



# Previews

## White Background



This preview shows how the Hex color B3ED4F looks on a white background.

## Color Contrast Check

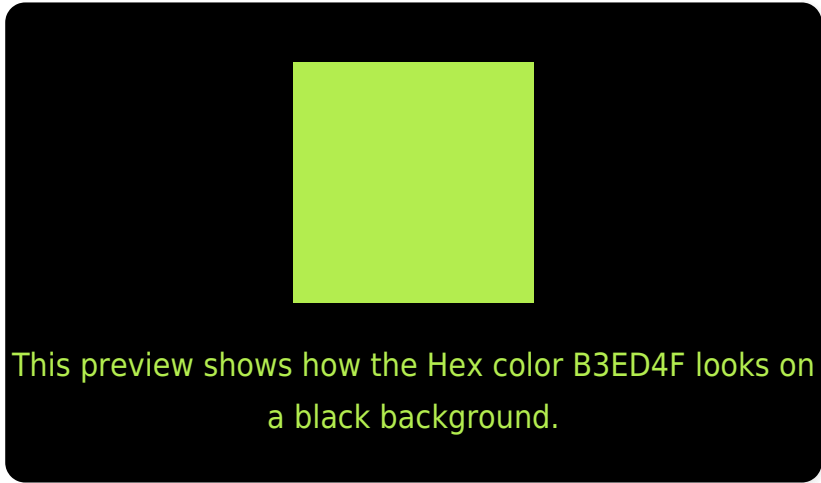
Large Text (above 18pt) WCAG AA × Fail

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 B3ED4F Background



This preview shows how black text looks on a background with the Hex color B3ED4F.

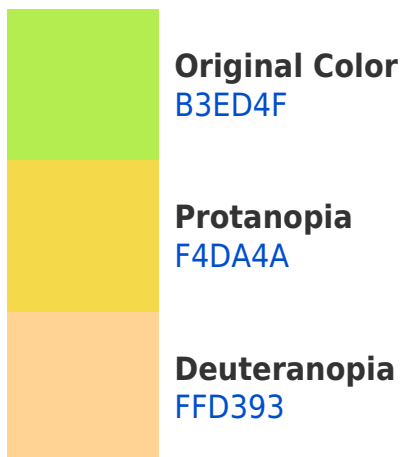


This preview shows how white text looks on a background with the Hex color B3ED4F.

# 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](#).

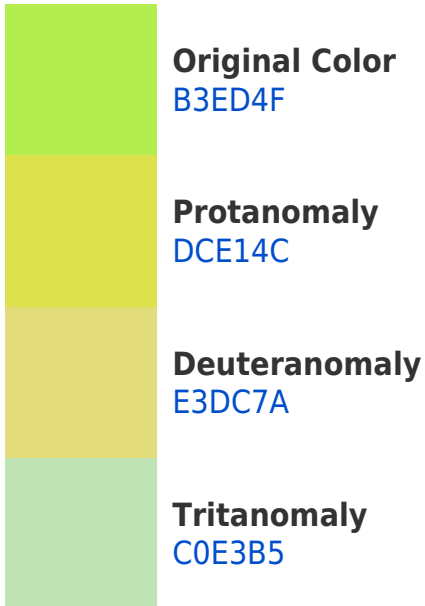
## Dichromacy



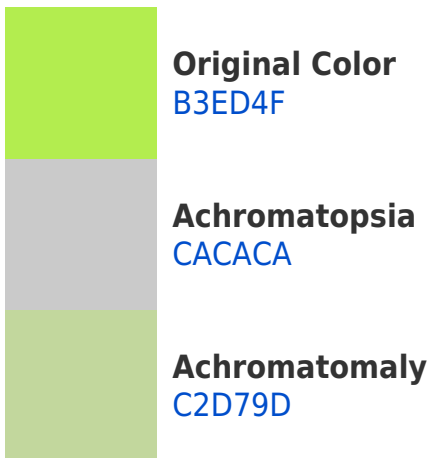


**Tritanopia**  
C7DEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3ED4F 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 #B3ED4F looks like.

```
.text, #text, p{  
    color:#B3ED4F  
}
```

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 #B3ED4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3ED4F
}
```

## Border

The CSS property to change the border of an element to Hex B3ED4F 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
#B3ED4F }
```

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

```
.border{ border-color:#B3ED4F }
```

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

Here you see how a box with a 4 pixel #B3ED4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3ED4F; -webkit-box-shadow:4px 4px  
4px 4px #B3ED4F; box-shadow:4px 4px 4px  
4px #B3ED4F }
```

# Background

The CSS property to change the background color of an element to Hex B3ED4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3ED4F }
```

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

```
.background{ background-color:#B3ED4F }
```

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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