

# Converting Colors

Hex(BFEC3E)

Have a look what the booklet for  
Hex(BFEC3E) contains.

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# Color

Hex(BFEC3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	BFEC3E
RGB	191, 236, 62
RGB Percent	75%, 93%, 24%
CMY	0.2510, 0.0745, 0.7569
CMYK	0.19, 0.00, 0.74, 0.07
HSL	76°, 82%, 58%
HSV	76°, 74%, 93%
XYZ	52.3508, 71.4151, 15.5827
YIQ	202.7090, 29.0340, -63.6540

# Conversions

## Conversions Part 2

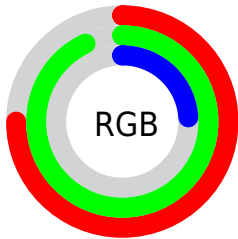
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 236, 107
Decimal	12577854
CIELab	87.69, -37.07, 74.16
CIELCh	88, 82.903, 116.559
Yxy	71.4151, 0.3757, 0.5125
Android (android.graphics.Color)	4290767934 (0xFFBFEC3E)
YUV	202.7090, -69.3695, -10.2688
Hunter-Lab	84.5074, -37.3105, 48.2224

# Details

The Hex color **BFEC3E** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **6B3EEC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FBFF79**, and **85B400** is the 20% darker color. If you saturate the color by 10%, you get **B9EC26**, and if you desaturate by 10%, it is **C5EC56**.

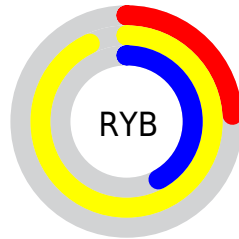
# Distribution



Red (75%)

Green (93%)

Blue (24%)



Red (24%)

Yellow (93%)

Blue (42%)

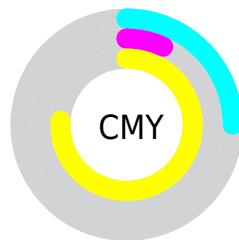


Cyan (19%)

Magenta (0%)

Yellow (74%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFEC3E 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 BFEC3E by changing the saturation by 10% instead.



 BFEC3E

 BFEC3E

FFFFFF

 A2D018

 FBFF79

 85B400

 FFFF96

 699900

 FFFFB3

 4C7F00

 FFFF00

 2F6600

 FFFF66

 0A4D00

 003600

 002200

 000000

 BFEC3E

 BFEC3E

 B9EC26

 C5EC56

 B3EC0F

 CBEC6D

 AFEC00

 D1EC85

 D7EC9C

 DEECB4

 E4ECCC

 EAECE3

 F0ECFB

 F6ECFF

# Harmonies

## Analogous

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



FFD527



BFEC3E



4BFA80

# Triad

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



BFEC3E



00F9FF



FF90E8

# Complementary

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



BFEC3E



6B3EEC

# 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.



FFA8FF



BFEC3E



00E8FF

# Square

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



BFEC3E



00FFFF



CBCBFF



FF989A

# Rectangle

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



BFEC3E



00FFB4



CBCBFF



FF95FF

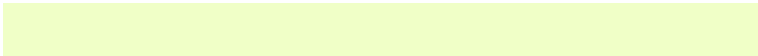


# Sweetspot

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



BFEC3E



F0FFC7



EC6A3E



77805E



000000



808080



# Same Dimension

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



BFEC3E



C5FF1F



6AEC3E



72756A



86B500



283600



# Inverse Universe

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



6B3EEC



591FFF



C03EEC



6D6A75



2F00B5



0E0036



# Previews

## White Background



This preview shows how the Hex color BFEC3E looks on a white background.

## Color Contrast Check

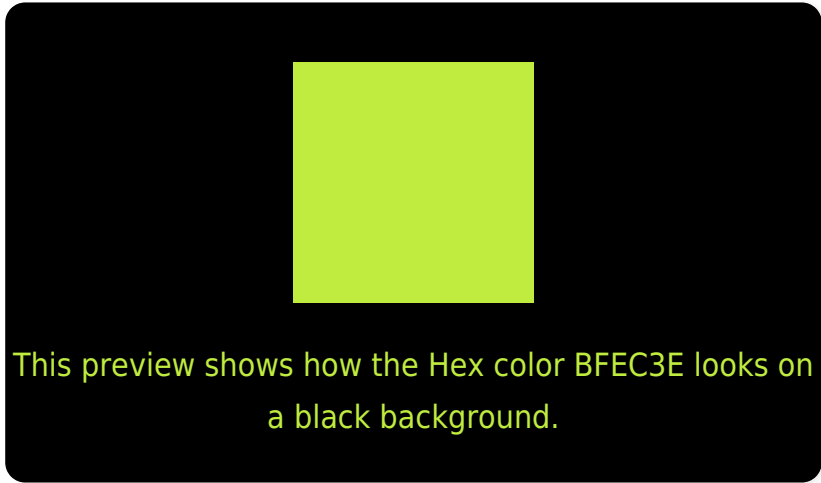
Large Text (above 18pt) WCAG AA × Fail

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 BFEC3E Background



This preview shows how black text looks on a background with the Hex color BFEC3E.

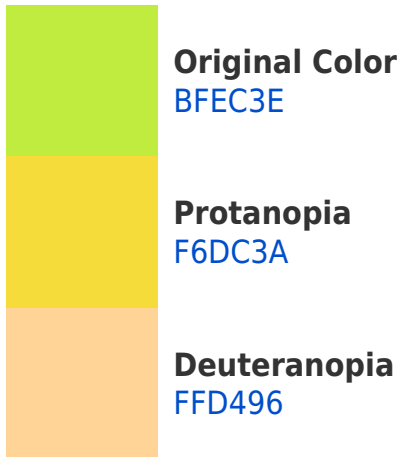


This preview shows how white text looks on a background with the Hex color BFEC3E.

# Color Blindness Simulation

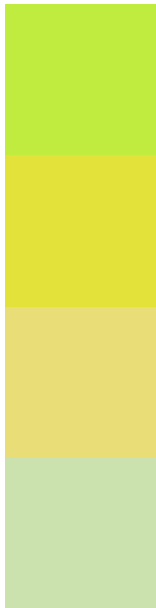
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BFEC3E

**Protanomaly**  
E2E23B

**Deuteranomaly**  
E8DD76

**Tritanomaly**  
CBE2AE

# Monochromacy



**Original Color**  
BFEC3E

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
C7D798

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFEC3E 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 #BFEC3E looks like.

```
.text, #text, p{  
    color:#BFEC3E  
}
```

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 #BFEC3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFEC3E
}
```

## Border

The CSS property to change the border of an element to Hex BFEC3E 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
#BFEC3E }
```

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

```
.border{ border-color:#BFEC3E }
```

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

Here you see how a box with a 4 pixel #BFEC3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFEC3E; -webkit-box-shadow:4px 4px  
4px 4px #BFEC3E; box-shadow:4px 4px 4px  
4px #BFEC3E }
```

# Background

The CSS property to change the background color of an element to Hex BFEC3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFEC3E }
```

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

```
.background{ background-color:#BFEC3E }
```

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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