

# Converting Colors

Hex(B8EC6B)

Have a look what the booklet for  
Hex(B8EC6B) contains.

<b>Hex(B8EC6B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**B8EC6B**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B8EC6B
RGB	184, 236, 107
RGB Percent	72%, 93%, 42%
CMY	0.2784, 0.0745, 0.5804
CMYK	0.22, 0.00, 0.55, 0.07
HSL	84°, 77%, 67%
HSV	84°, 55%, 93%
XYZ	52.4165, 71.2428, 24.8985
YIQ	205.7460, 10.4170, -51.1430

# Conversions

## Conversions Part 2

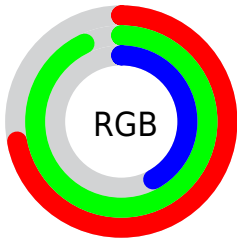
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 236, 159
Decimal	12119147
CIELab	87.60, -36.54, 56.32
CIElCh	88, 67.136, 122.971
Yxy	71.2428, 0.3528, 0.4796
Android (android.graphics.Color)	4290309227 (0xFFB8EC6B)
YUV	205.7460, -48.6818, -19.0712
Hunter-Lab	84.4054, -36.8596, 41.5940

# Details

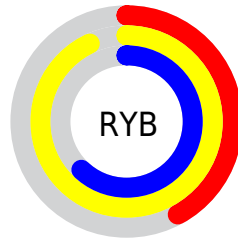
The Hex color **B8EC6B** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9F6BEC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F2FFA2**, and **80B435** is the 20% darker color. If you saturate the color by 10%, you get **AEEC53**, and if you desaturate by 10%, it is **C2EC83**.

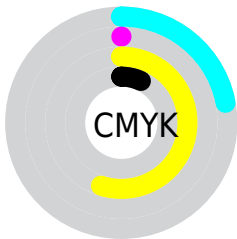
# Distribution



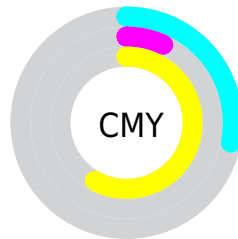
- Red (72%)
- Green (93%)
- Blue (42%)



- Red (42%)
- Yellow (93%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (55%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8EC6B 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 B8EC6B by changing the saturation by 10% instead.



 B8EC6B

 B8EC6B

FFFFFF

 9CD050

 F2FFA2

 80B435

 FFFFBE

 649916

 FFFFDA

 497F00

 FFFFF7

 2D6500

 0D4D00

 003500

 002200

 000000

 B8EC6B

 B8EC6B

 AEEC53

 C2EC83

 A5EC3C

 CBEC9A

 9BEC24

 D5ECB2

 92EC0D

 DEECC9

 8DEC00

 E8ECE1

 F1ECF9

 FBECFF

 FFECFF

# Harmonies

## Analogous

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



FADA55



B8EC6B



5DF79F

# Triad

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



B8EC6B



00F1FF



FFA3D8

# Complementary

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



B8EC6B



9F6BEC

# 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.



FFB0FF



B8EC6B



6AE0FF

# Square

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



B8EC6B



00FAFF



E7C8FF



FFAD9A

# Rectangle

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



B8EC6B



00FACA



E7C8FF



FFA5ED



# Sweetspot

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



B8EC6B



EFFFD6



EC9F6B



768067



000000



808080



# Same Dimension

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



B8EC6B



BBFF57



78EC6B



71756A



6CB500



203600



# Inverse Universe

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



9F6BEC



9B57FF



DF6BEC



6E6A75



4900B5

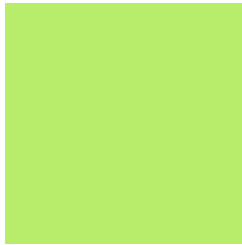


160036



# Previews

## White Background



This preview shows how the Hex color B8EC6B looks on a white background.

## Color Contrast Check

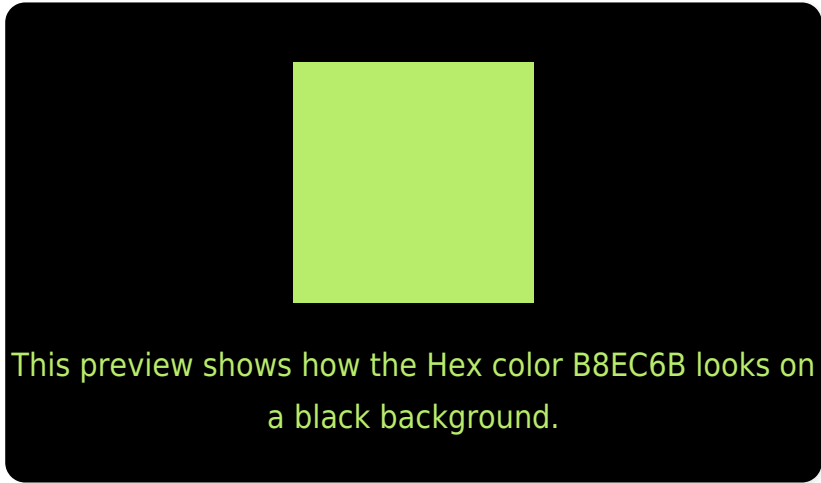
Large Text (above 18pt) WCAG AA × Fail

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 B8EC6B Background



This preview shows how black text looks on a background with the Hex color B8EC6B.

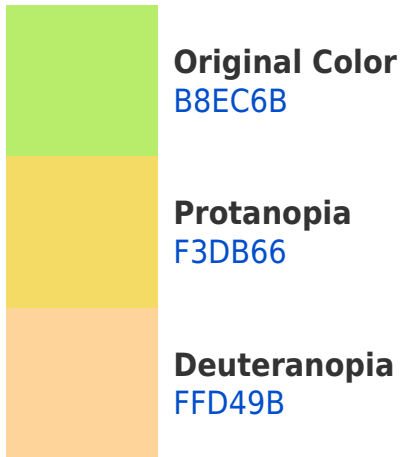


This preview shows how white text looks on a background with the Hex color B8EC6B.

# 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](#).

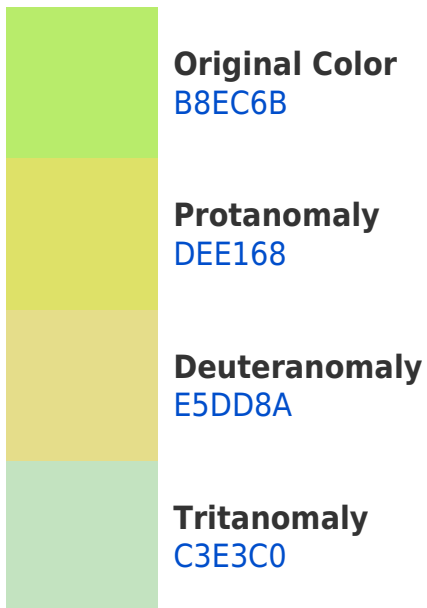
## Dichromacy



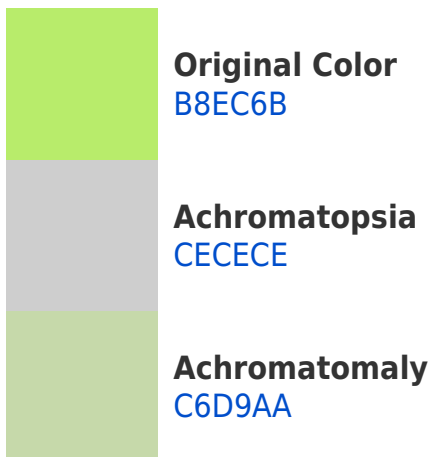


**Tritanopia**  
C9DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8EC6B 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 #B8EC6B looks like.

```
.text, #text, p{  
    color:#B8EC6B  
}
```

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 #B8EC6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8EC6B
}
```

## Border

The CSS property to change the border of an element to Hex B8EC6B 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
#B8EC6B }
```

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

```
.border{ border-color:#B8EC6B }
```

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

Here you see how a box with a 4 pixel #B8EC6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8EC6B; -webkit-box-shadow:4px 4px  
4px 4px #B8EC6B; box-shadow:4px 4px 4px  
4px #B8EC6B }
```

# Background

The CSS property to change the background color of an element to Hex B8EC6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8EC6B }
```

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

```
.background{ background-color:#B8EC6B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor