

Converting Colors

Hex(B8EB47)

Have a look what the booklet for
Hex(B8EB47) contains.

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Color

Hex(B8EB47)

Conversions

Conversions Part 1

Format	Color
Hex	B8EB47
RGB	184, 235, 71
RGB Percent	72%, 92%, 28%
CMY	0.2784, 0.0784, 0.7216
CMYK	0.22, 0.00, 0.70, 0.08
HSL	79°, 80%, 60%
HSV	79°, 70%, 92%
XYZ	50.6128, 70.0619, 16.8170
YIQ	201.0550, 22.2480, -61.8160

Conversions

Conversions Part 2

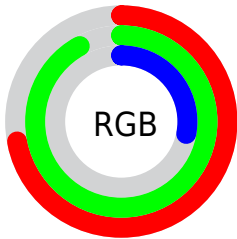
Format	Color
RYB	71, 235, 122
Decimal	12118855
CIELab	87.03, -38.81, 70.33
CIELCh	87, 80.326, 118.894
Yxy	70.0619, 0.3681, 0.5096
Android (android.graphics.Color)	4290308935 (0xFFB8EB47)
YUV	201.0550, -64.1171, -14.9572
Hunter-Lab	83.7030, -38.5464, 46.6800

Details

The Hex color **B8EB47** 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 **7A47EB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **F3FF80**, and **7FB300** is the 20% darker color. If you saturate the color by 10%, you get **B1EB30**, and if you desaturate by 10%, it is **BFEB5E**.

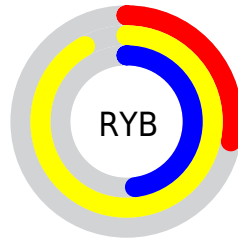
Distribution



Red (72%)

Green (92%)

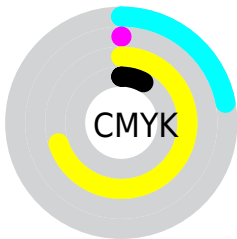
Blue (28%)



Red (28%)

Yellow (92%)

Blue (48%)

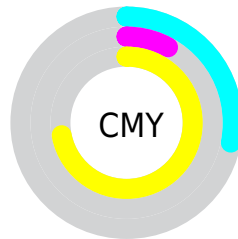


Cyan (22%)

Magenta (0%)

Yellow (70%)

Black (8%)



Cyan (28%)

Magenta (8%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8EB47 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 B8EB47 by changing the saturation by 10% instead.

 B8EB47

 B8EB47

FFFFFF

 9BCF27

 F3FF80

 7FB300

 FFFF9D

 629800

 FFFFB9

 467E00

 FFFF D6

 286500

 FFFFF4

 004C00

 003500

 002000

 000000

 B8EB47

 B8EB47

 B1EB30

 BFEB5E

 A9EB18

 C7EB76

 A2EB00

 CEEB8D

 D5EBA5

 DDEBBC

 E4EBD4

 EBEBEC

 F2EBFF

 FAEBFF

Harmonies

Analogous

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



FFD52E



B8EB47



42F887

Triad

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



B8EB47



00F6FF



FF91E0

Complementary

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



B8EB47



7A47EB

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.



FFA6FF



B8EB47



00E4FF

Square

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



B8EB47



00FEFF



D5C7FF



FF9B95

Rectangle

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



B8EB47



00FDBA



D5C7FF



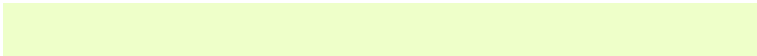
FF95FA

Sweetspot

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



B8EB47



EEFFC9



EB7847



768060



000000



808080

Same Dimension

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



B8EB47



BCFF29



68EB47



72756A



7DB500



253600

Inverse Universe

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



7A47EB



6B29FF



CA47EB



6D6A75



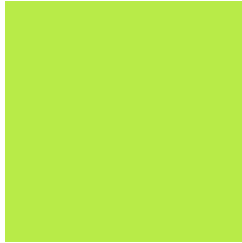
3800B5



110036

Previews

White Background



This preview shows how the Hex color B8EB47 looks on a white background.

Color Contrast Check

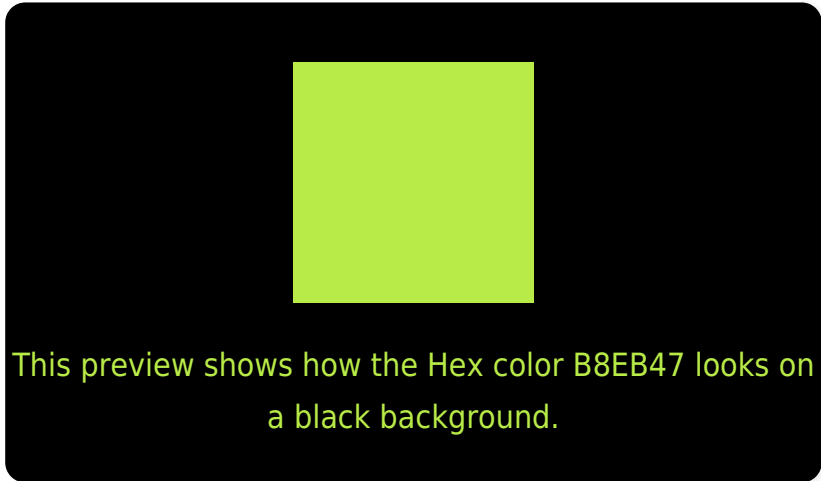
Large Text (above 18pt) WCAG AA × Fail

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 B8EB47 Background



This preview shows how black text looks on a background with the Hex color B8EB47.

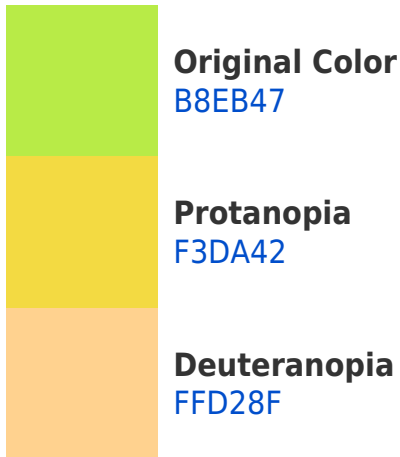


This preview shows how white text looks on a background with the Hex color B8EB47.

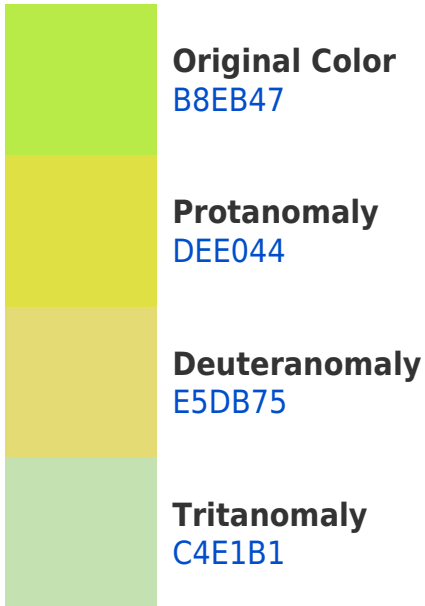
Color Blindness Simulation

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](#).

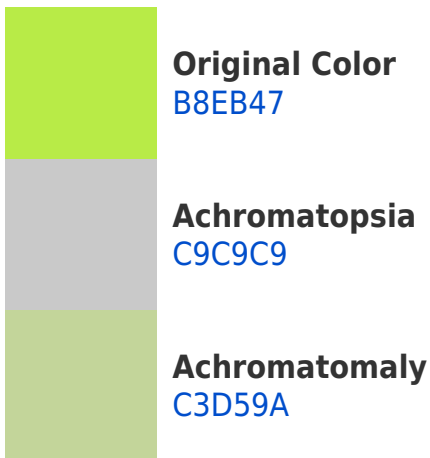
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8EB47 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 #B8EB47 looks like.

```
.text, #text, p{  
    color:#B8EB47  
}
```

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 #B8EB47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8EB47
}
```

Border

The CSS property to change the border of an element to Hex B8EB47 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
#B8EB47 }
```

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

```
.border{ border-color:#B8EB47 }
```

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

Here you see how a box with a 4 pixel #B8EB47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8EB47; -webkit-box-shadow:4px 4px  
4px 4px #B8EB47; box-shadow:4px 4px 4px  
4px #B8EB47 }
```

Background

The CSS property to change the background color of an element to Hex B8EB47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8EB47 }
```

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

```
.background{ background-color:#B8EB47 }
```

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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