

Converting Colors

Hex(B9EB5E)

Have a look what the booklet for
Hex(B9EB5E) contains.

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Color

Hex(B9EB5E)

Conversions

Conversions Part 1

Format	Color
Hex	B9EB5E
RGB	185, 235, 94
RGB Percent	73%, 92%, 37%
CMY	0.2745, 0.0784, 0.6314
CMYK	0.21, 0.00, 0.60, 0.08
HSL	81°, 78%, 65%
HSV	81°, 60%, 92%
XYZ	51.7363, 70.5391, 21.4783
YIQ	203.9760, 15.4610, -54.4510

Conversions

Conversions Part 2

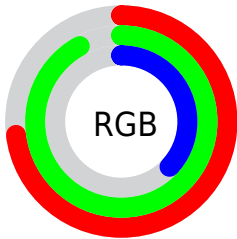
Format	Color
RYB	94, 235, 144
Decimal	12184414
CIELab	87.26, -36.84, 61.61
CIELCh	87, 71.787, 120.879
Yxy	70.5391, 0.3599, 0.4907
Android (android.graphics.Color)	4290374494 (0xFFB9EB5E)
YUV	203.9760, -54.2182, -16.6420
Hunter-Lab	83.9876, -37.0223, 43.6290

Details

The Hex color **B9EB5E** 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 **905EEB**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **F4FF95**, and **80B324** is the 20% darker color. If you saturate the color by 10%, you get **B1EB47**, and if you desaturate by 10%, it is **C1EB76**.

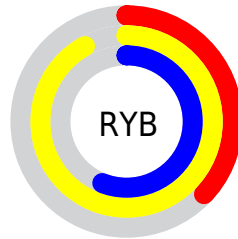
Distribution



Red (73%)

Green (92%)

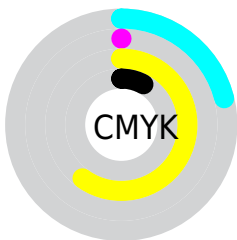
Blue (37%)



Red (37%)

Yellow (92%)

Blue (56%)

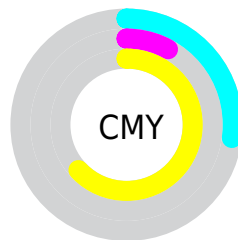


Cyan (21%)

Magenta (0%)

Yellow (60%)

Black (8%)



Cyan (27%)

Magenta (8%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9EB5E 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 B9EB5E by changing the saturation by 10% instead.

 B9EB5E

 B9EB5E

FFFFFF

 9CCF42

 F4FF95

 80B324

 FFFFB1

 659800

 FFFFCE

 497E00

 FFFFEB

 2D6500

 094C00

 003500

 002100

 000000

 B9EB5E

 B9EB5E

 B1EB47

 C1EB76

 A8EB2F

 CAEB8D

 A0EB17

 D2EBA4

 98EB00

 DAEBBC

 E3EBD3

 EBEBEB

 F3EBFF

 FCEBFF

 FFEBFF

Harmonies

Analogous

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



FED849



B9EB5E



57F795

Triad

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



B9EB5E



00F3FF



FF9DDB

Complementary

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



B9EB5E



905EEB

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.



FFACFF



B9EB5E



3DE2FF

Square

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



B9EB5E



00FBFF



DFC8FF



FFA698

Rectangle

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



B9EB5E



00FBC3



DFC8FF



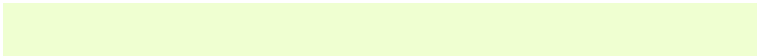
FFA0F2

Sweetspot

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



B9EB5E



EFFFD1



EB8F5E



768063



000000



808080

Same Dimension

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



B9EB5E



BEFF47



73EB5E



71756A



75B500



233600

Inverse Universe

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



905EEB



8947FF



D65EEB



6E6A75



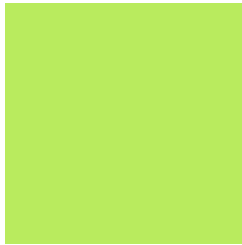
4000B5



130036

Previews

White Background



This preview shows how the Hex color B9EB5E looks on a white background.

Color Contrast Check

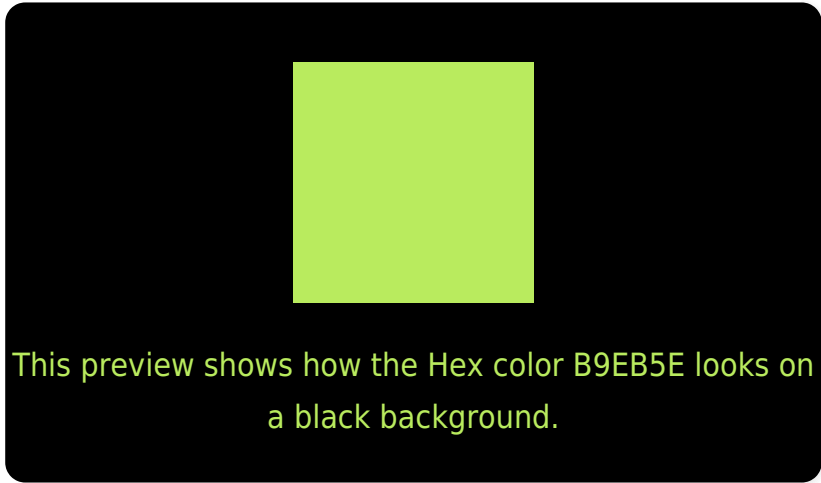
Large Text (above 18pt) WCAG AA × Fail

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 B9EB5E Background



This preview shows how black text looks on a background with the Hex color B9EB5E.

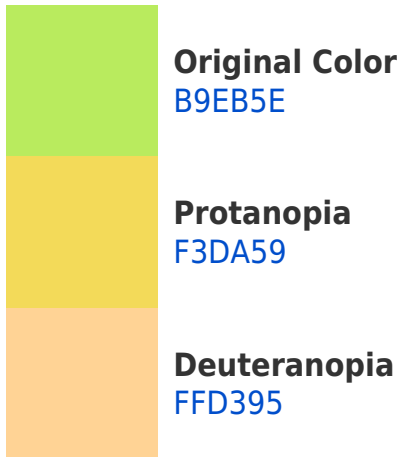


This preview shows how white text looks on a background with the Hex color B9EB5E.

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](#).

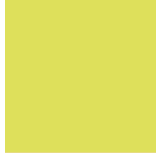
Dichromacy



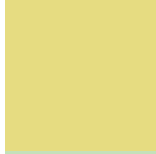
Trichromacy



Original Color
B9EB5E



Protanomaly
DDE05B



Deuteranomaly
E6DC81

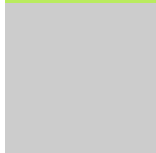


Tritanomaly
C4E1BA

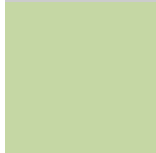
Monochromacy



Original Color
B9EB5E



Achromatopsia
CCCCCC



Achromatomaly
C5D7A4

CSS Examples

Text

The CSS property to change the color of the text to Hex B9EB5E 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 #B9EB5E looks like.

```
.text, #text, p{  
    color:#B9EB5E  
}
```

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 #B9EB5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9EB5E
}
```

Border

The CSS property to change the border of an element to Hex B9EB5E 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
#B9EB5E }
```

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

```
.border{ border-color:#B9EB5E }
```

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

Here you see how a box with a 4 pixel #B9EB5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9EB5E; -webkit-box-shadow:4px 4px  
4px 4px #B9EB5E; box-shadow:4px 4px 4px  
4px #B9EB5E }
```

Background

The CSS property to change the background color of an element to Hex B9EB5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9EB5E }
```

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

```
.background{ background-color:#B9EB5E }
```

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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