

Converting Colors

Hex(B2EB67)

Have a look what the booklet for
Hex(B2EB67) contains.

Hex(B2EB67)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2EB67)

Conversions

Conversions Part 1	
Format	Color
Hex	B2EB67
RGB	178, 235, 103
RGB Percent	70%, 92%, 40%
CMY	0.3020, 0.0784, 0.5961
CMYK	0.24, 0.00, 0.56, 0.08
HSL	86°, 77%, 66%
HSV	86°, 56%, 92%
XYZ	50.5166, 69.8609, 23.6540
YIQ	202.9090, 8.4000, -53.1360

Conversions

Conversions Part 2

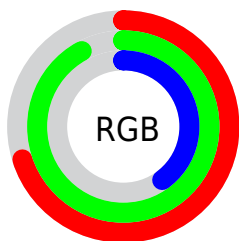
Format	Color
RYB	103, 235, 160
Decimal	11725671
CIELab	86.93, -38.65, 57.23
CIELCh	87, 69.059, 124.028
Yxy	69.8609, 0.3507, 0.4850
Android (android.graphics.Color)	4289915751 (0xFFB2EB67)
YUV	202.9090, -49.2551, -21.8452
Hunter-Lab	83.5828, -38.3864, 41.7289

Details

The Hex color **B2EB67** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A067EB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **ECFF9E**, and **7AB330** is the 20% darker color. If you saturate the color by 10%, you get **A8EB4F**, and if you desaturate by 10%, it is **BCEB7F**.

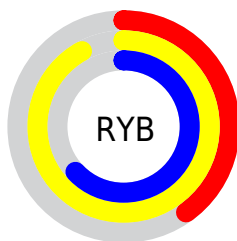
Distribution



Red (70%)

Green (92%)

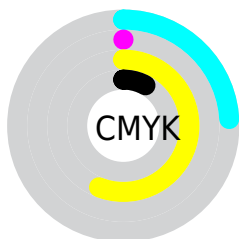
Blue (40%)



Red (40%)

Yellow (92%)

Blue (63%)

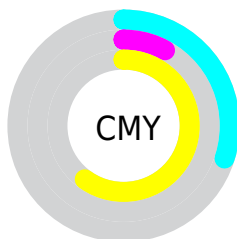


Cyan (24%)

Magenta (0%)

Yellow (56%)

Black (8%)



Cyan (30%)

Magenta (8%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EB67 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 B2EB67 by changing the saturation by 10% instead.



B2EB67

FFFFFF



ECFF9E



FFFFBA



FFFFD6



FFFFF3



B2EB67



96CF4C



7AB330



5E980E



437E00



266400



004C00



003400



002000



000000

 B2EB67

 B2EB67

 A8EB4F

 BCEB7F

 9EEB38

 C6EB96

 94EB21

 D0EBAE

 89EB09

 DBEBC5

 86EB00

 E5EBDD

 EFEBF4

 F9EBFF

 FFEbff

Harmonies

Analogous

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



F6D94F



B2EB67



4FF69E

Triad

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



B2EB67



00F0FF



FF9FD3

Complementary

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



B2EB67



A067EB

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.



FFABFF



B2EB67



67DEFF

Square

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



B2EB67



00F8FF



E9C5FF



FFAA94

Rectangle

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



B2EB67



00F9CA



E9C5FF



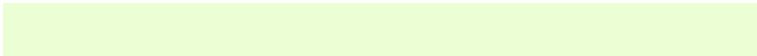
FFA1EA

Sweetspot

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



B2EB67



ECFFD4



EB9E67



748066



000000



808080

Same Dimension

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



B2EB67



B5FF54



72EB67



70756A



67B500



1E3600

Inverse Universe

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



A067EB



9E54FF



E067EB



6F6A75



4E00B5



170036

Previews

White Background



This preview shows how the Hex color B2EB67 looks on a white background.

Color Contrast Check

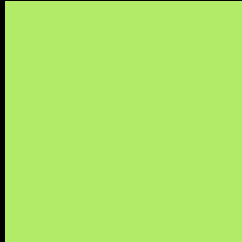
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B2EB67 looks on a 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 B2EB67 Background



This preview shows how black text looks on a background with the Hex color B2EB67.

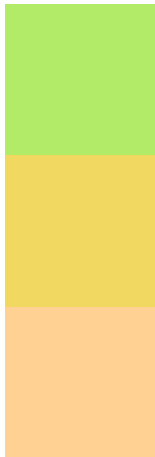


This preview shows how white text looks on a background with the Hex color B2EB67.

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



Original Color
B2EB67

Protanopia
F1D961

Deuteranopia
FFD193

Trichromacy



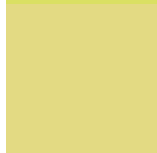
Original Color

B2EB67



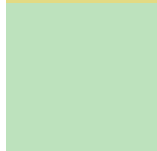
Protanomaly

DAE063



Deuteranomaly

E3DA83



Tritanomaly

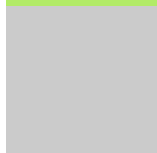
BDE2BD

Monochromacy



Original Color

B2EB67



Achromatopsia

CBCBCB



Achromatomaly

C2D7A7

CSS Examples

Text

The CSS property to change the color of the text to Hex B2EB67 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 #B2EB67 looks like.

```
.text, #text, p{  
    color:#B2EB67  
}
```

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 #B2EB67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EB67
}
```

Border

The CSS property to change the border of an element to Hex B2EB67 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
#B2EB67 }
```

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

```
.border{ border-color:#B2EB67 }
```

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

Here you see how a box with a 4 pixel #B2EB67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EB67; -webkit-box-shadow:4px 4px  
4px 4px #B2EB67; box-shadow:4px 4px 4px  
4px #B2EB67 }
```

Background

The CSS property to change the background color of an element to Hex B2EB67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EB67 }
```

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

```
.background{ background-color:#B2EB67 }
```

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