

Converting Colors

Hex(B6EB73)

Have a look what the booklet for
Hex(B6EB73) contains.

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Color

Hex(B6EB73)

Conversions

Conversions Part 1

Format	Color
Hex	B6EB73
RGB	182, 235, 115
RGB Percent	71%, 92%, 45%
CMY	0.2863, 0.0784, 0.5490
CMYK	0.23, 0.00, 0.51, 0.08
HSL	86°, 75%, 69%
HSV	86°, 51%, 92%
XYZ	52.0942, 70.5995, 27.1011
YIQ	205.4730, 6.9320, -48.5560

Conversions

Conversions Part 2

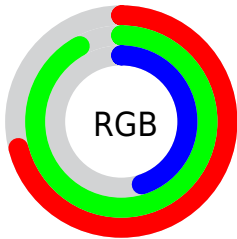
Format	Color
RYB	115, 235, 168
Decimal	11987827
CIELab	87.29, -36.03, 52.28
CIElCh	87, 63.492, 124.574
Yxy	70.5995, 0.3478, 0.4713
Android (android.graphics.Color)	4290177907 (0xFFB6EB73)
YUV	205.4730, -44.6032, -20.5858
Hunter-Lab	84.0235, -36.3719, 39.6930

Details

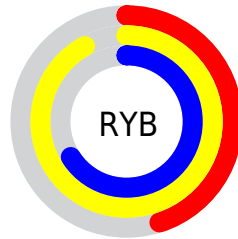
The Hex color **B6EB73** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A873EB**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F0FFA9**, and **7EB33E** is the 20% darker color. If you saturate the color by 10%, you get **ACEB5C**, and if you desaturate by 10%, it is **C0EB8B**.

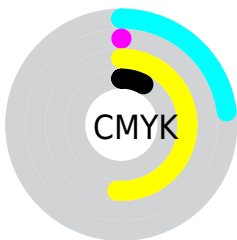
Distribution



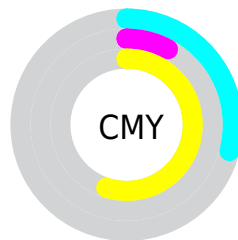
- Red (71%)
- Green (92%)
- Blue (45%)



- Red (45%)
- Yellow (92%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (51%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6EB73 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 B6EB73 by changing the saturation by 10% instead.

 B6EB73

FFFFFF

 F0FFA9

 FFFFC6

 FFFFE2

 B6EB73

 9ACF59

 7EB33E

 639822

 487E00

 2D6400

 0E4C00

 003500

 002100

 000000

 B6EB73

 B6EB73

 ACEB5C

 C0EB8B

 A1EB44

 CBEB A2

 97EB2D

 D5EBBA

 8CEB15

 E0EBD1

 83EB00

 EAEBE9

 F4EBFF

 FFE BFF

Harmonies

Analogous

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



F5DA5D



B6EB73



61F5A5

Triad

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



B6EB73



00EFFF



FFA7D4

Complementary

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



B6EB73



A873EB

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.



FFB1FF



B6EB73



7EDEFF

Square

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



B6EB73



00F7FF



EBC7FF



FFB099

Rectangle

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



B6EB73



00F8CD



EBC7FF



FFA8E8

Sweetspot

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



B6EB73



EEFFD9



EBA773



758069



000000



808080

Same Dimension

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



B6EB73



BAFF63



7BEB73



70756A



65B500



1E3600

Inverse Universe

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



A873EB



A863FF



E373EB



6F6A75



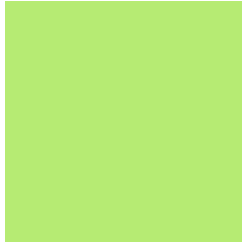
5000B5



180036

Previews

White Background



This preview shows how the Hex color B6EB73 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 B6EB73 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 B6EB73 Background



This preview shows how black text looks on a background with the Hex color B6EB73.

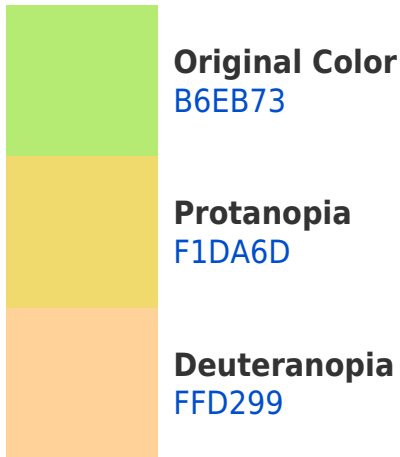


This preview shows how white text looks on a background with the Hex color B6EB73.

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](#).

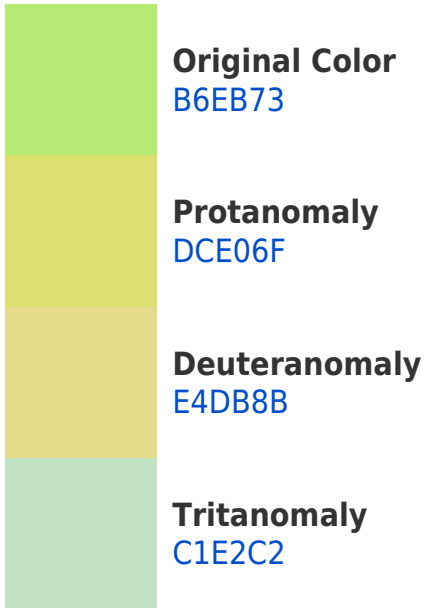
Dichromacy



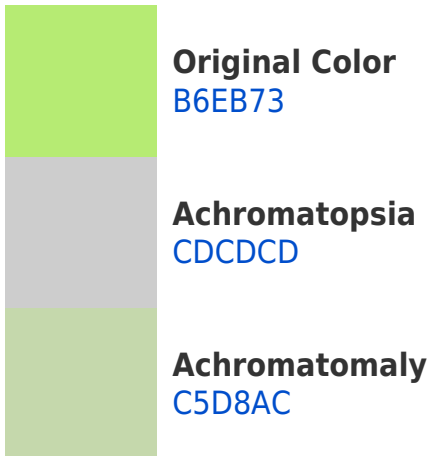


Tritanopia
C7DDEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6EB73 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 #B6EB73 looks like.

```
.text, #text, p{  
    color:#B6EB73  
}
```

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 #B6EB73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6EB73
}
```

Border

The CSS property to change the border of an element to Hex B6EB73 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
#B6EB73 }
```

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

```
.border{ border-color:#B6EB73 }
```

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

Here you see how a box with a 4 pixel #B6EB73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6EB73; -webkit-box-shadow:4px 4px  
4px 4px #B6EB73; box-shadow:4px 4px 4px  
4px #B6EB73 }
```

Background

The CSS property to change the background color of an element to Hex B6EB73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6EB73 }
```

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

```
.background{ background-color:#B6EB73 }
```

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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