

Converting Colors

Hex(B2EC85)

Have a look what the booklet for
Hex(B2EC85) contains.

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Color

Hex(B2EC85)

Conversions

Conversions Part 1

Format	Color
Hex	B2EC85
RGB	178, 236, 133
RGB Percent	70%, 93%, 52%
CMY	0.3020, 0.0745, 0.4784
CMYK	0.25, 0.00, 0.44, 0.07
HSL	94°, 73%, 72%
HSV	94°, 44%, 93%
XYZ	52.5892, 71.1493, 33.1518
YIQ	206.9160, -1.5050, -44.3290

Conversions

Conversions Part 2

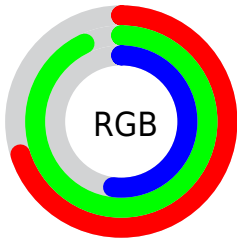
Format	Color
RYB	133, 236, 191
Decimal	11725957
CIELab	87.56, -35.89, 44.00
CIELCh	88, 56.781, 129.205
Yxy	71.1493, 0.3352, 0.4535
Android (android.graphics.Color)	4289916037 (0xFFB2EC85)
YUV	206.9160, -36.4406, -25.3593
Hunter-Lab	84.3501, -36.3244, 35.7425

Details

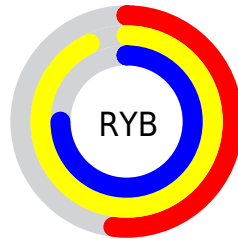
The Hex color **B2EC85** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BF85EC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EBFFBC**, and **7BB451** is the 20% darker color. If you saturate the color by 10%, you get **A5EC6D**, and if you desaturate by 10%, it is **BFEC9D**.

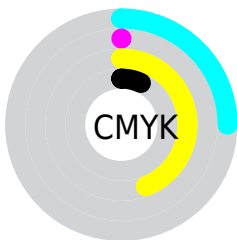
Distribution



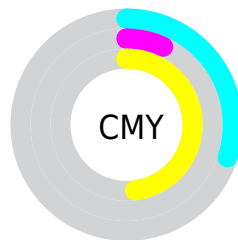
- Red (70%)
- Green (93%)
- Blue (52%)



- Red (52%)
- Yellow (93%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)



- Cyan (30%)
- Magenta (7%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EC85 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 B2EC85 by changing the saturation by 10% instead.

 B2EC85

FFFFFF

 EBFFBC

 FFFFD8

 FFFFF5

 B2EC85

 96D06B

 7BB451

 609938

 467F1E

 2A6500

 0C4D00

 003500

 002200

 000000

 B2EC85

 B2EC85

 A5EC6D

 BFEC9D

 97EC56

 CDECB4

 8AEC3E

 DAECCC

 7DEC27

 E7ECE3

 70EC0F

 F4ECFB

 67EC00

 FFECFF

Harmonies

Analogous

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



ECDE6E



B2EC85



67F5B3

Triad

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



B2EC85



00EBFF



FFAFCD

Complementary

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



B2EC85



BF85EC

Split Complementary

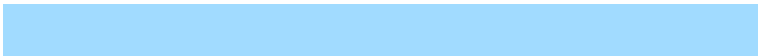
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB5FF



B2EC85



A1DBFF

Square

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



B2EC85



00F5FF



F6C7FF



FFB99A

Rectangle

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



B2EC85



00F7D8



F6C7FF



FFAFDF

Sweetspot

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



B2EC85



ECFFDE



ECBE85



74806B



000000



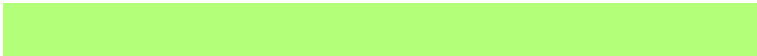
808080

Same Dimension

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



B2EC85



B4FF7A



85EC8A



6F756A



4FB500



173600

Inverse Universe

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



BF85EC



C57AFF



EC85E7



706A75



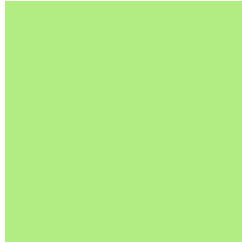
6600B5



1E0036

Previews

White Background



This preview shows how the Hex color B2EC85 looks on a white background.

Color Contrast Check

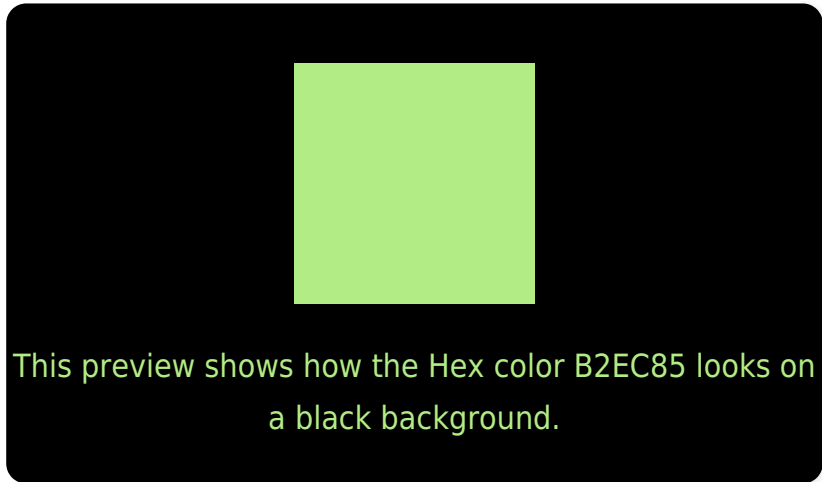
Large Text (above 18pt) WCAG AA × Fail

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 B2EC85 Background



This preview shows how black text looks on a background with the Hex color B2EC85.

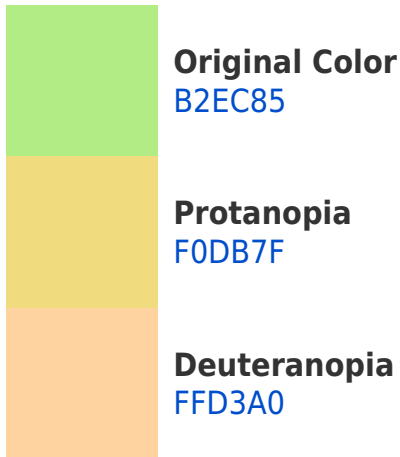


This preview shows how white text looks on a background with the Hex color B2EC85.

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](#).

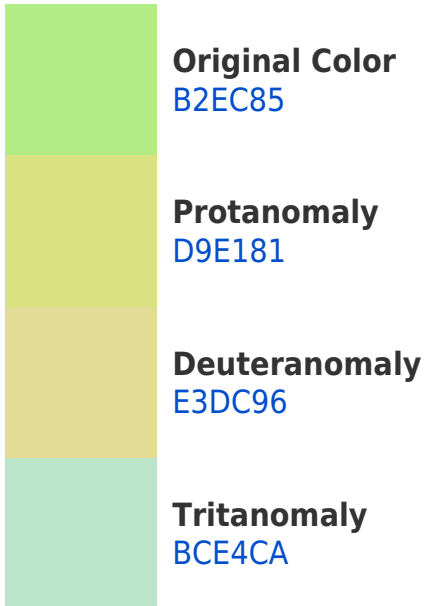
Dichromacy



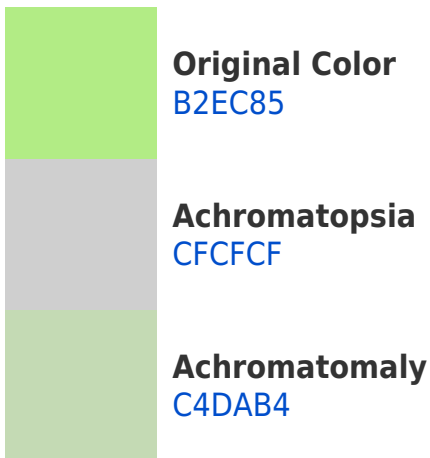


Tritanopia
C2DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2EC85 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 #B2EC85 looks like.

```
.text, #text, p{  
    color:#B2EC85  
}
```

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 #B2EC85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EC85
}
```

Border

The CSS property to change the border of an element to Hex B2EC85 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
#B2EC85 }
```

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

```
.border{ border-color:#B2EC85 }
```

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

Here you see how a box with a 4 pixel #B2EC85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EC85; -webkit-box-shadow:4px 4px  
4px 4px #B2EC85; box-shadow:4px 4px 4px  
4px #B2EC85 }
```

Background

The CSS property to change the background color of an element to Hex B2EC85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EC85 }
```

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

```
.background{ background-color:#B2EC85 }
```

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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