

Converting Colors

Hex(B3ED99)

Have a look what the booklet for
Hex(B3ED99) contains.

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Color

Hex(B3ED99)

Conversions

Conversions Part 1

Format	Color
Hex	B3ED99
RGB	179, 237, 153
RGB Percent	70%, 93%, 60%
CMY	0.2980, 0.0706, 0.4000
CMYK	0.24, 0.00, 0.35, 0.07
HSL	101°, 70%, 76%
HSV	101°, 35%, 93%
XYZ	54.6244, 72.4520, 41.2426
YIQ	210.0820, -7.6040, -38.4200

Conversions

Conversions Part 2

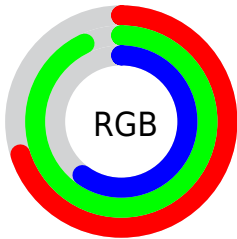
Format	Color
RYB	153, 237, 211
Decimal	11791769
CIELab	88.19, -33.37, 34.92
CIElCh	88, 48.303, 133.698
Yxy	72.4520, 0.3245, 0.4304
Android (android.graphics.Color)	4289981849 (0xFFB3ED99)
YUV	210.0820, -28.1414, -27.2589
Hunter-Lab	85.1187, -34.4066, 30.8553

Details

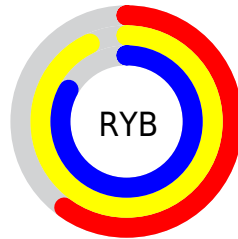
The Hex color **B3ED99** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D399ED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **ECFFD0**, and **7CB565** is the 20% darker color. If you saturate the color by 10%, you get **A3ED81**, and if you desaturate by 10%, it is **C3EDB1**.

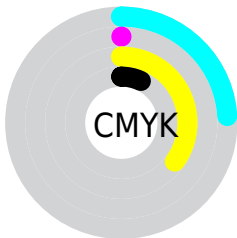
Distribution



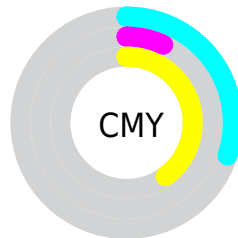
- Red (70%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (83%)



- Cyan (24%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (30%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3ED99 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 B3ED99 by changing the saturation by 10% instead.

 B3ED99

 B3ED99

FFFFFF

 97D17F

 ECFFD0

 7CB565

 FFFFED

 629A4C

 488034

 2E661C

 114E02

 003600

 002300

 000000

 B3ED99

 B3ED99

 A3ED81

 C3EDB1

 92ED6A

 D4EDC8

 82ED52

 E4EDE0

 72ED3A

 F4EDF8

 61ED23

 FFEDFF

 51ED0B

 49ED00

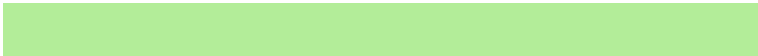
Harmonies

Analogous

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



E6E182



B3ED99



77F4C2

Triad

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



B3ED99



68E9FF



FFB9CA

Complementary

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



B3ED99



D399ED

Split Complementary

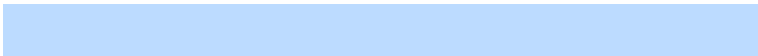
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBCF8



B3ED99



BCDBFF

Square

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



B3ED99



00F2FF



FDCAFF



FFC2A0

Rectangle

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



B3ED99



45F6E2



FDCAFF



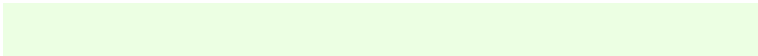
FFB9D9

Sweetspot

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



B3ED99



ECFFE3



EDD299



74806F



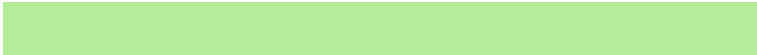
000000



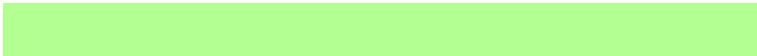
808080

Same Dimension

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



B3ED99



B3FF91



99EDA8



6D756A



38B500



113600

Inverse Universe

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



D399ED



DD91FF



ED99DE



726A75



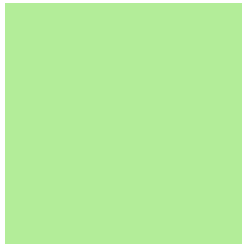
7D00B5



250036

Previews

White Background



This preview shows how the Hex color B3ED99 looks on a white background.

Color Contrast Check

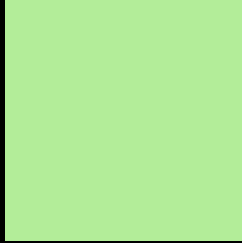
Large Text (above 18pt) WCAG AA × Fail

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 B3ED99 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 B3ED99 Background



This preview shows how black text looks on a background with the Hex color B3ED99.

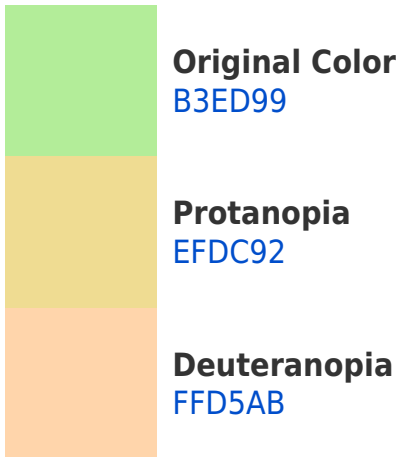


This preview shows how white text looks on a background with the Hex color B3ED99.

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
B3ED99



Protanomaly
D9E295



Deuteranomaly
E3DEA4

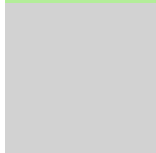


Tritanomaly
BDE6D3

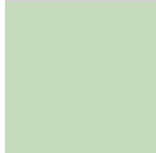
Monochromacy



Original Color
B3ED99



Achromatopsia
D2D2D2



Achromatomaly
C7DCBD

CSS Examples

Text

The CSS property to change the color of the text to Hex B3ED99 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 #B3ED99 looks like.

```
.text, #text, p{  
    color:#B3ED99  
}
```

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 #B3ED99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3ED99
}
```

Border

The CSS property to change the border of an element to Hex B3ED99 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
#B3ED99 }
```

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

```
.border{ border-color:#B3ED99 }
```

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

Here you see how a box with a 4 pixel #B3ED99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3ED99; -webkit-box-shadow:4px 4px  
4px 4px #B3ED99; box-shadow:4px 4px 4px  
4px #B3ED99 }
```

Background

The CSS property to change the background color of an element to Hex B3ED99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3ED99 }
```

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

```
.background{ background-color:#B3ED99 }
```

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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