

# Converting Colors

Hex(B5ED8E)

Have a look what the booklet for  
Hex(B5ED8E) contains.

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# **Color**

**Hex(B5ED8E)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B5ED8E                      |
| RGB         | 181, 237, 142               |
| RGB Percent | 71%, 93%, 56%               |
| CMY         | 0.2902, 0.0706, 0.4431      |
| CMYK        | 0.24, 0.00, 0.40, 0.07      |
| HSL         | 95°, 73%, 74%               |
| HSV         | 95°, 40%, 93%               |
| XYZ         | 54.2227, 72.3451, 36.6974   |
| YIQ         | 209.4260, -2.8810, -41.4170 |

# Conversions

## Conversions Part 2

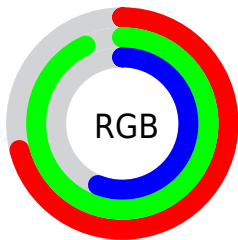
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">142, 237, 198</a>                |
| Decimal                             | <a href="#">11922830</a>                     |
| CIELab                              | <a href="#">88.13, -34.17, 40.36</a>         |
| CIElCh                              | <a href="#">88, 52.882, 130.254</a>          |
| Yxy                                 | <a href="#">72.3451, 0.3321, 0.4431</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4290112910<br/>(0xFFB5ED8E)</a>  |
| YUV                                 | <a href="#">209.4260, -33.2410, -24.9296</a> |
| Hunter-Lab                          | <a href="#">85.0559, -35.0550, 33.9585</a>   |

# Details

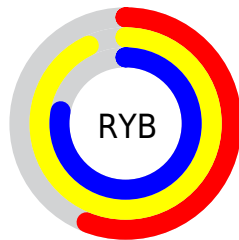
The Hex color **B5ED8E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C68EED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EEFFC5**, and **7EB55A** is the 20% darker color. If you saturate the color by 10%, you get **A7ED76**, and if you desaturate by 10%, it is **C3EDA6**.

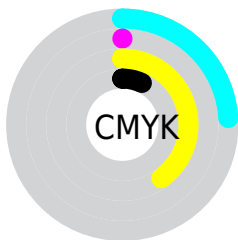
# Distribution



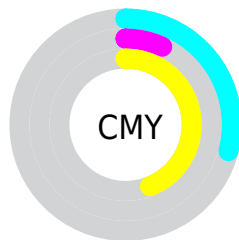
- Red (71%)
- Green (93%)
- Blue (56%)



- Red (56%)
- Yellow (93%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)



- Cyan (29%)
- Magenta (7%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5ED8E 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 B5ED8E by changing the saturation by 10% instead.



 B5ED8E

 B5ED8E

FFFFFF

 99D174

 EEFFC5

 7EB55A

 FFFFE1

 639A41

FFFFFFE

 498028

 2F660D

 124E00

 003600

 002300

 000000

 B5ED8E

 B5ED8E

 A7ED76

 C3EDA6

 99ED5F

 D1EDBD

 8BED47

 DFEDD5

 7DED2F

 EDEDED

 6FED18

 FBEDFF

 61ED00

 FFEDFF

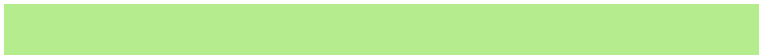
# Harmonies

## Analogous

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



ECE078



B5ED8E



72F5B9

# Triad

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



B5ED8E



3AECFF



FFB4CE

# Complementary

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



B5ED8E



C68EED

# Split Complementary

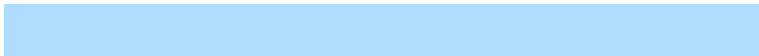
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB9FF



B5ED8E



ADDCCF

# Square

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



B5ED8E



00F5FF



F9C9FF



FFBD9E

# Rectangle

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



B5ED8E



2AF7DC



F9C9FF



FFB4DF



# Sweetspot

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



B5ED8E



EDFFE0



EDC58E



75806E



000000



808080

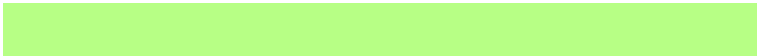


# Same Dimension

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



B5ED8E



B7FF85



8EED96



6E756A



4AB500



163600



# Inverse Universe

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



C68EED



CD85FF



ED8EE5



706A75



6B00B5



200036



# Previews

## White Background



This preview shows how the Hex color B5ED8E 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 B5ED8E 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

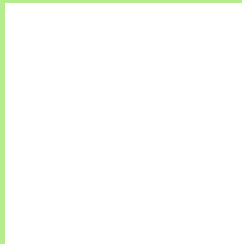
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5ED8E Background



This preview shows how black text looks on a background with the Hex color B5ED8E.

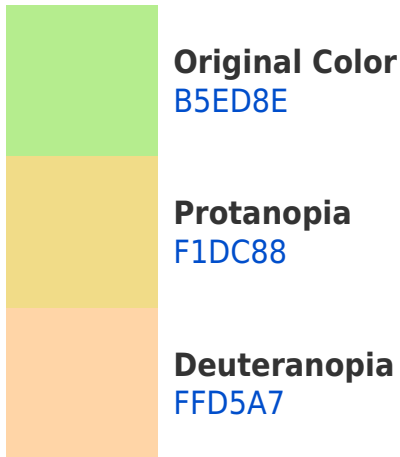


This preview shows how white text looks on a background with the Hex color B5ED8E.

# 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**  
C4E1F3

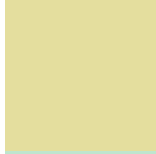
# Trichromacy



**Original Color**  
B5ED8E



**Protanomaly**  
DBE28A



**Deuteranomaly**  
E4DE9E

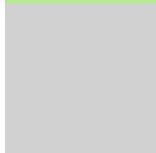


**Tritanomaly**  
BFE5CE

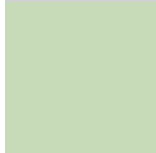
# Monochromacy



**Original Color**  
B5ED8E



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
C7DBB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5ED8E 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 #B5ED8E looks like.

```
.text, #text, p{  
    color:#B5ED8E  
}
```

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 #B5ED8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5ED8E
}
```

## Border

The CSS property to change the border of an element to Hex B5ED8E 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
#B5ED8E }
```

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

```
.border{ border-color:#B5ED8E }
```

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

Here you see how a box with a 4 pixel #B5ED8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5ED8E; -webkit-box-shadow:4px 4px  
4px 4px #B5ED8E; box-shadow:4px 4px 4px  
4px #B5ED8E }
```

# Background

The CSS property to change the background color of an element to Hex B5ED8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5ED8E }
```

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

```
.background{ background-color:#B5ED8E }
```

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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