

# Converting Colors

Hex(B5EA87)

Have a look what the booklet for  
Hex(B5EA87) contains.

<b>Hex(B5EA87)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B5EA87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5EA87
RGB	181, 234, 135
RGB Percent	71%, 92%, 53%
CMY	0.2902, 0.0824, 0.4706
CMYK	0.23, 0.00, 0.42, 0.08
HSL	92°, 70%, 72%
HSV	92°, 42%, 92%
XYZ	52.8520, 70.4187, 33.7282
YIQ	206.8670, 0.1910, -42.0250

# Conversions

## Conversions Part 2

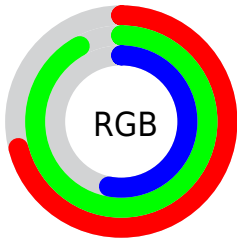
Format	Color
<a href="#">RYB</a>	<a href="#">135, 234, 188</a>
Decimal	<a href="#">11922055</a>
CIELab	<a href="#">87.20, -33.68, 42.61</a>
CIELCh	<a href="#">87, 54.311, 128.319</a>
Yxy	<a href="#">70.4187, 0.3366, 0.4485</a>
Android (android.graphics.Color)	<a href="#">4290112135 (0xFFB5EA87)</a>
YUV	<a href="#">206.8670, -35.4304, -22.6854</a>
Hunter-Lab	<a href="#">83.9158, -34.4294, 34.9107</a>

# Details

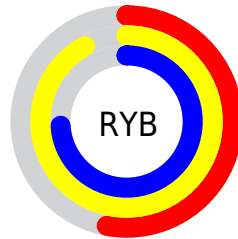
The Hex color **B5EA87** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BC87EA**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EEFFBE**, and **7EB253** is the 20% darker color. If you saturate the color by 10%, you get **A8EA70**, and if you desaturate by 10%, it is **C2EA9E**.

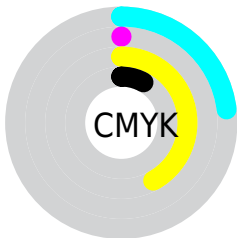
# Distribution



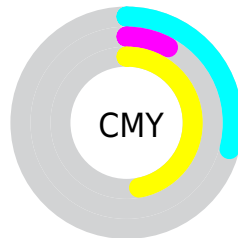
- Red (71%)
- Green (92%)
- Blue (53%)



- Red (53%)
- Yellow (92%)
- Blue (74%)



- Cyan (23%)
- Magenta (0%)
- Yellow (42%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5EA87 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 B5EA87 by changing the saturation by 10% instead.



 B5EA87

 B5EA87

FFFFFF

 99CE6D

 EEEFBE

 7EB253

 FFFFDA

 63973A

 FFFFF7

 497D20

 2F6402

 134B00

 003400

 002100

 000000

 B5EA87

 B5EA87

 A8EA70

 C2EA9E

 9CEA58

 CEEAB6

 8FEA41

 DBEACD

 83EA29

 E7EAE5

 76EA12

 F4EAFC

 6DEA00

 FFEAFF

# Harmonies

## Analogous

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



EDDC72



B5EA87



70F2B3

# Triad

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



B5EA87



00EAF7



FFB0CE

# Complementary

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



B5EA87



BC87EA

# Split Complementary

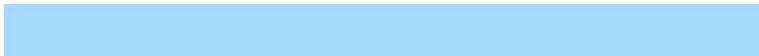
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6FF



B5EA87



A2DBFF

# Square

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



B5EA87



00F3FF



F2C7FF



FFB99D

# Rectangle

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



B5EA87



1EF5D6



F2C7FF



FFB1DF



# Sweetspot

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



B5EA87



EDFFDE



EABC87



75806B



000000



808080



# Same Dimension

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



B5EA87



B9FF7D



87EA8A



6F756A



54B500



193600



# Inverse Universe

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



BC87EA



C37DFF



EA87E7



706A75



6100B5



1D0036



# Previews

## White Background



This preview shows how the Hex color B5EA87 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 B5EA87 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 B5EA87 Background



This preview shows how black text looks on a background with the Hex color B5EA87.

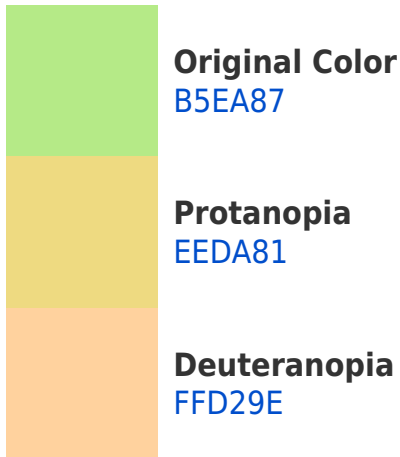


This preview shows how white text looks on a background with the Hex color B5EA87.

# 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



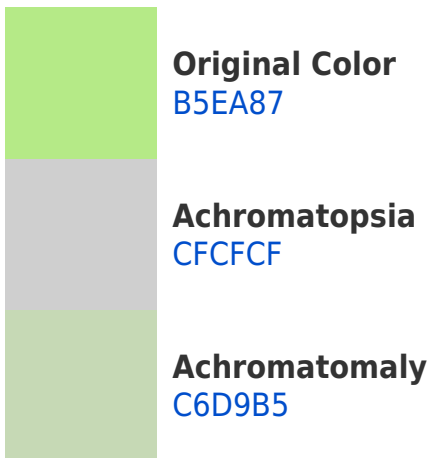


**Tritanopia**  
C4DEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5EA87 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 #B5EA87 looks like.

```
.text, #text, p{  
    color:#B5EA87  
}
```

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 #B5EA87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5EA87
}
```

## Border

The CSS property to change the border of an element to Hex B5EA87 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
#B5EA87 }
```

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

```
.border{ border-color:#B5EA87 }
```

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

Here you see how a box with a 4 pixel #B5EA87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5EA87; -webkit-box-shadow:4px 4px  
4px 4px #B5EA87; box-shadow:4px 4px 4px  
4px #B5EA87 }
```

# Background

The CSS property to change the background color of an element to Hex B5EA87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5EA87 }
```

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

```
.background{ background-color:#B5EA87 }
```

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