

# Converting Colors

Hex(B6E887)

Have a look what the booklet for  
Hex(B6E887) contains.

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# **Color**

**Hex(B6E887)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B6E887</a>
RGB	<a href="#">182, 232, 135</a>
RGB Percent	<a href="#">71%, 91%, 53%</a>
CMY	<a href="#">0.2863, 0.0902, 0.4706</a>
CMYK	<a href="#">0.22, 0.00, 0.42, 0.09</a>
HSL	<a href="#">91°, 68%, 72%</a>
HSV	<a href="#">91°, 42%, 91%</a>
XYZ	<a href="#">52.5212, 69.4076, 33.5505</a>
YIQ	<a href="#">205.9920, 1.3370, -40.7670</a>

# Conversions

## Conversions Part 2

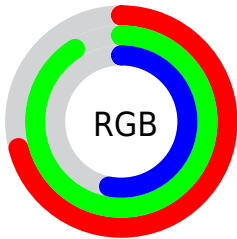
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 232, 185
Decimal	11987079
CIELab	86.71, -32.40, 41.99
CIElCh	87, 53.036, 127.649
Yxy	69.4076, 0.3378, 0.4464
Android (android.graphics.Color)	4290177159 (0xFFB6E887)
YUV	205.9920, -34.9991, -21.0410
Hunter-Lab	83.3112, -33.2644, 34.4410

# Details

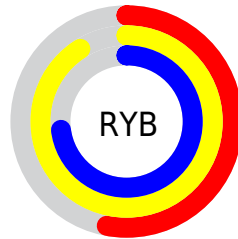
The Hex color **B6E887** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B987E8**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EFFFB0**, and **7FB053** is the 20% darker color. If you saturate the color by 10%, you get **AAE870**, and if you desaturate by 10%, it is **C2E89E**.

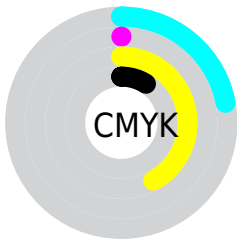
# Distribution



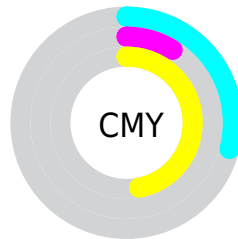
- Red (71%)
- Green (91%)
- Blue (53%)



- Red (53%)
- Yellow (91%)
- Blue (73%)



- Cyan (22%)
- Magenta (0%)
- Yellow (42%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6E887 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 B6E887 by changing the saturation by 10% instead.



 B6E887

 B6E887

FFFFFF

 9ACC6D

 EFFFBD

 7FB053

 FFFFDA

 65953A

 FFFFF7

 4A7B21

 306203

 164A00

 003300

 001F00

 000000

 B6E887

 B6E887

 AAE870

 C2E89E

 9EE859

 CEE8B5

 92E841

 DAE8CD

 86E82A

 E6E8E4

 7AE813

 F2E8FB

 70E800

 FEE8FF

 FFE8FF

# Harmonies

## Analogous

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



ECDA73



B6E887



74F0B1

# Triad

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



B6E887



14E9FF



FFB0CE

# Complementary

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



B6E887



B987E8

# Split Complementary

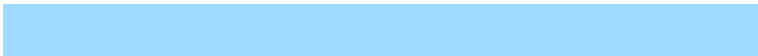
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6FF



B6E887



A0DAFF

# Square

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



B6E887



00F1FF



EFC7FF



FFB89E

# Rectangle

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



B6E887



2FF3D3



EFC7FF



FFB1DF



# Sweetspot

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



B6E887



EEFFDE



E8B887



75806B



000000



808080

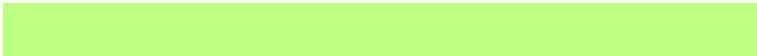


# Same Dimension

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



B6E887



BDF80



87E887



6D7367



56B300



193300



# Inverse Universe

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



B987E8



C180FF



E887E8



6D6773



5C00B3



1A0033



# Previews

## White Background



This preview shows how the Hex color B6E887 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 B6E887 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 B6E887 Background



This preview shows how black text looks on a background with the Hex color B6E887.

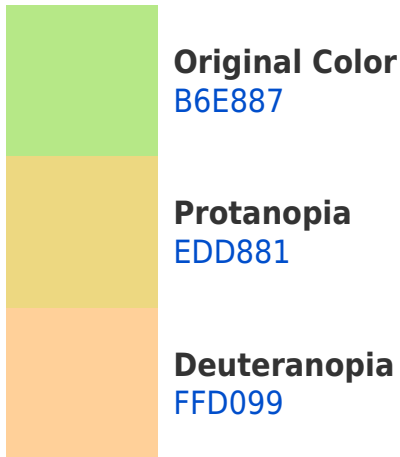


This preview shows how white text looks on a background with the Hex color B6E887.

# 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**  
C5DCED

# Trichromacy



**Original Color**  
B6E887



**Protanomaly**  
D9DE83



**Deuteranomaly**  
E4D992

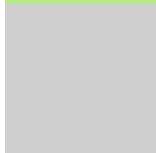


**Tritanomaly**  
C0E0C8

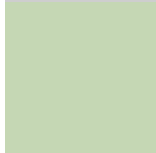
# Monochromacy



**Original Color**  
B6E887



**Achromatopsia**  
CECECE



**Achromatomaly**  
C5D7B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6E887 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 #B6E887 looks like.

```
.text, #text, p{  
    color:#B6E887  
}
```

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 #B6E887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E887
}
```

## Border

The CSS property to change the border of an element to Hex B6E887 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
#B6E887 }
```

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

```
.border{ border-color:#B6E887 }
```

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

Here you see how a box with a 4 pixel #B6E887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E887; -webkit-box-shadow:4px 4px  
4px 4px #B6E887; box-shadow:4px 4px 4px  
4px #B6E887 }
```

# Background

The CSS property to change the background color of an element to Hex B6E887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E887 }
```

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

```
.background{ background-color:#B6E887 }
```

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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