

# Converting Colors

Hex(BFE897)

Have a look what the booklet for  
Hex(BFE897) contains.

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**Color**

**Hex(BFE897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BFE897</a>
RGB	<a href="#">191, 232, 151</a>
RGB Percent	<a href="#">75%, 91%, 59%</a>
CMY	<a href="#">0.2510, 0.0902, 0.4078</a>
CMYK	<a href="#">0.18, 0.00, 0.35, 0.09</a>
HSL	<a href="#">90°, 64%, 75%</a>
HSV	<a href="#">90°, 35%, 91%</a>
XYZ	<a href="#">55.9284, 71.0240, 40.0394</a>
YIQ	<a href="#">210.5070, 1.5650, -33.8830</a>

# Conversions

## Conversions Part 2

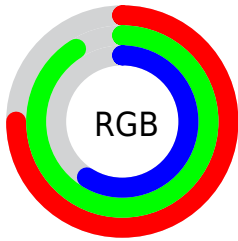
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 232, 192
Decimal	12576919
CIELab	87.50, -27.12, 35.16
CIElCh	87, 44.400, 127.646
Yxy	71.0240, 0.3349, 0.4253
Android (android.graphics.Color)	4290766999 (0xFFBFE897)
YUV	210.5070, -29.3370, -17.1076
Hunter-Lab	84.2757, -29.0235, 30.8243

# Details

The Hex color **BFE897** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C097E8**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F8FFCE**, and **88B063** is the 20% darker color. If you saturate the color by 10%, you get **B3E880**, and if you desaturate by 10%, it is **CBE8AE**.

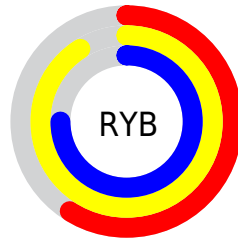
# Distribution



Red (75%)

Green (91%)

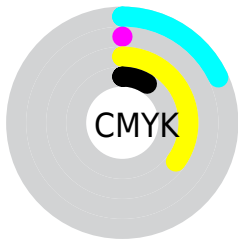
Blue (59%)



Red (59%)

Yellow (91%)

Blue (75%)

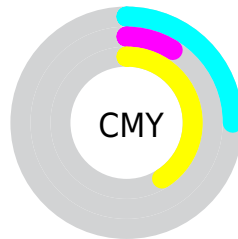


Cyan (18%)

Magenta (0%)

Yellow (35%)

Black (9%)



Cyan (25%)

Magenta (9%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFE897 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 BFE897 by changing the saturation by 10% instead.



 BFE897

FFFFFF

 F8FFCE

 FFFFEA

 BFE897

 A3CC7D

 88B063

 6E954A

 547B32

 3B621A

 224A00

 093300

 002000

 000000

 BFE897

 BFE897

 B3E880

 CBE8AE

 A8E869

 D6E8C5

 9CE851

 E2E8DD

 90E83A

 EEE8F4

 84E823

 FAE8FF

 79E80C

 FFE8FF

 73E800

# Harmonies

## Analogous

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



EDDC87



BFE897



8BEFBA

# Triad

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



BFE897



68E8FF



FFBAD2

# Complementary

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



BFE897



C097E8

# Split Complementary

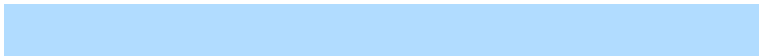
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBFFC



BFE897



B1DCFF

# Square

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



BFE897



2FF0FF



EECCFF



FFC1AA

# Rectangle

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



BFE897



66F2D6



EECCFF



FFBBE0



# Sweetspot

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



BFE897



F2FFE6



E8C097



788070



000000



808080

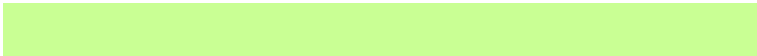


# Same Dimension

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



BFE897



C9FF94



97E897



6D7367



58B300



193300



# Inverse Universe

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



C097E8



CA94FF



E897E8



6D6773



5A00B3

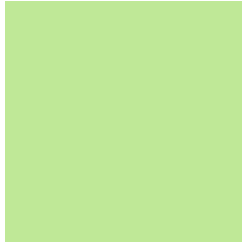


1A0033



# Previews

## White Background



This preview shows how the Hex color BFE897 looks on a white background.

## Color Contrast Check

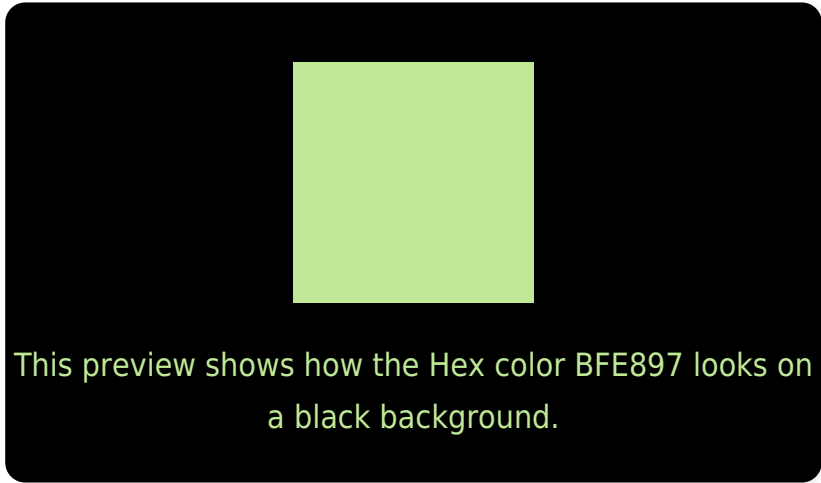
Large Text (above 18pt) WCAG AA × Fail

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 BFE897 Background



This preview shows how black text looks on a background with the Hex color BFE897.

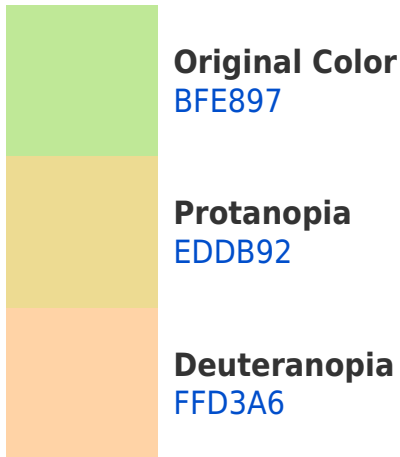


This preview shows how white text looks on a background with the Hex color BFE897.

# 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

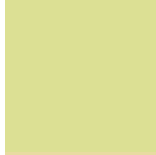




# Trichromacy



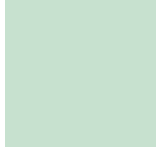
**Original Color**  
BFE897



**Protanomaly**  
DCE094



**Deuteranomaly**  
E8DBA1

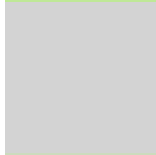


**Tritanomaly**  
C7E1CF

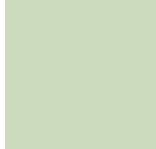
# Monochromacy



**Original Color**  
BFE897



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
CCDBBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFE897 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 #BFE897 looks like.

```
.text, #text, p{  
    color:#BFE897  
}
```

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 #BFE897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFE897
}
```

## Border

The CSS property to change the border of an element to Hex BFE897 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
#BFE897 }
```

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

```
.border{ border-color:#BFE897 }
```

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

Here you see how a box with a 4 pixel #BFE897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFE897; -webkit-box-shadow:4px 4px  
4px 4px #BFE897; box-shadow:4px 4px 4px  
4px #BFE897 }
```

# Background

The CSS property to change the background color of an element to Hex BFE897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFE897 }
```

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

```
.background{ background-color:#BFE897 }
```

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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