

# Converting Colors

Hex(BFE68E)

Have a look what the booklet for  
Hex(BFE68E) contains.

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# **Color**

**Hex(BFE68E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BFE68E</a>
RGB	<a href="#">191, 230, 142</a>
RGB Percent	<a href="#">75%, 90%, 56%</a>
CMY	<a href="#">0.2510, 0.0980, 0.4431</a>
CMYK	<a href="#">0.17, 0.00, 0.38, 0.10</a>
HSL	<a href="#">87°, 64%, 73%</a>
HSV	<a href="#">87°, 38%, 90%</a>
XYZ	<a href="#">54.6652, 69.6230, 36.1486</a>
YIQ	<a href="#">208.3070, 5.0040, -35.6360</a>

# Conversions

## Conversions Part 2

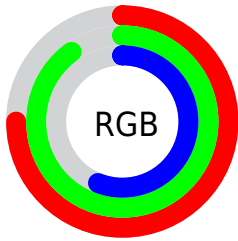
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 230, 181
Decimal	12576398
CIELab	86.81, -27.34, 38.78
CIElCh	87, 47.447, 125.192
Yxy	69.6230, 0.3407, 0.4340
Android (android.graphics.Color)	4290766478 (0xFFBFE68E)
YUV	208.3070, -32.6894, -15.1782
Hunter-Lab	83.4404, -29.0782, 32.7223

# Details

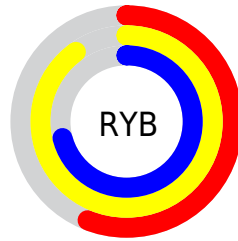
The Hex color **BFE68E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B58EE6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F8FFC5**, and **88AE5A** is the 20% darker color. If you saturate the color by 10%, you get **B5E677**, and if you desaturate by 10%, it is **C9E6A5**.

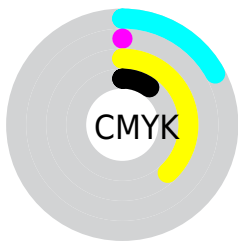
# Distribution



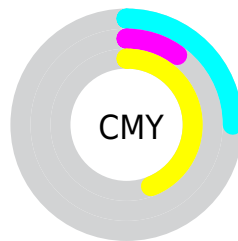
- Red (75%)
- Green (90%)
- Blue (56%)



- Red (56%)
- Yellow (90%)
- Blue (71%)



- Cyan (17%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFE68E 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 BFE68E by changing the saturation by 10% instead.



 BFE68E

 BFE68E

FFFFFF

 A3CA74

 F8FFC5

 88AE5A

 FFFFE1

 6E9441

FFFFFFE

 547A29

 3B610F

 224900

 063200

 001F00

 000000

 BFE68E

 BFE68E

 B5E677

 C9E6A5

 ABE660

 D3E6BC

 A0E649

 DEE6D3

 96E632

 E8E6EA

 8CE61B

 F2E6FF

 82E604

 FCE6FF

 80E600

 FFE6FF

# Harmonies

## Analogous

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



EFD97E



BFE68E



87EEB2

# Triad

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



BFE68E



4CE8FF



FFB6D3

# Complementary

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



BFE68E



B58EE6

# 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.



FFBCFF



BFE68E



A4DBFF

# Square

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



BFE68E



00EFFF



E9CBFF



FFBCA8

# Rectangle

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



BFE68E



5BF1D0



E9CBFF



FFB6E3

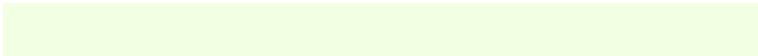


# Sweetspot

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



BFE68E



F3FFE3



E6B48E



78806F



000000



808080

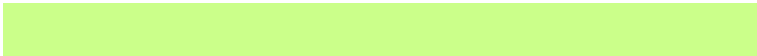


# Same Dimension

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



BFE68E



CBFF8A



94E68E



6E7367



63B300



1C3300



# Inverse Universe

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



B58EE6



BE8AFF



E08EE6



6C6773



4F00B3



170033



# Previews

## White Background



This preview shows how the Hex color BFE68E looks on a white background.

## Color Contrast Check

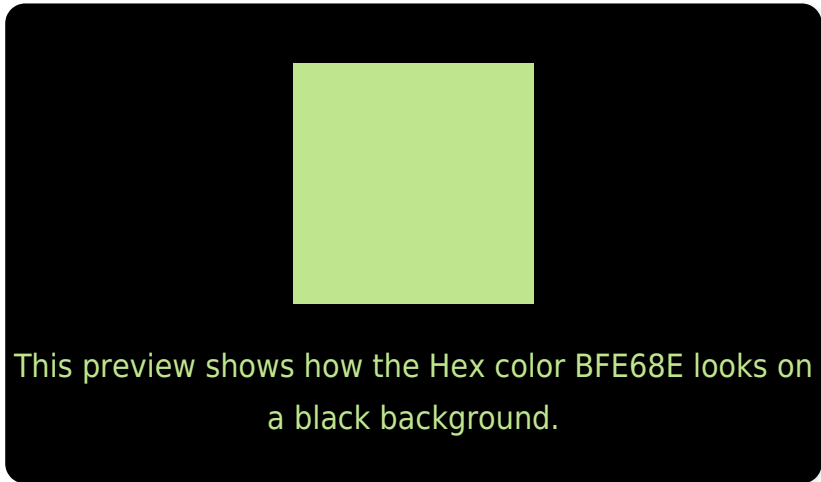
Large Text (above 18pt) WCAG AA × Fail

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 BFE68E Background



This preview shows how black text looks on a background with the Hex color BFE68E.

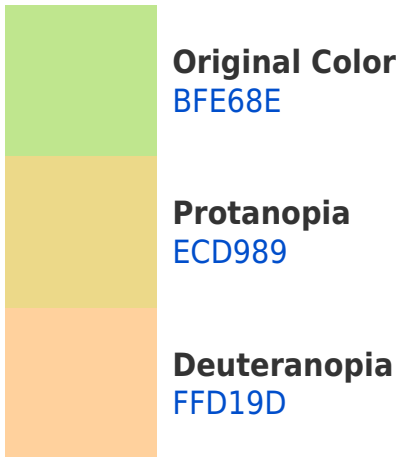


This preview shows how white text looks on a background with the Hex color BFE68E.

# 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





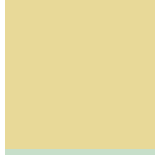
# Trichromacy



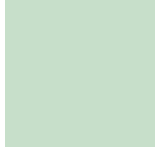
**Original Color**  
BFE68E



**Protanomaly**  
DCDE8B



**Deuteranomaly**  
E8D998

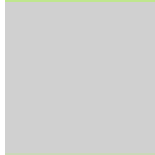


**Tritanomaly**  
C7DFCA

# Monochromacy



**Original Color**  
BFE68E



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
CAD8B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFE68E 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 #BFE68E looks like.

```
.text, #text, p{  
    color:#BFE68E  
}
```

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 #BFE68E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFE68E
}
```

## Border

The CSS property to change the border of an element to Hex BFE68E 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
#BFE68E }
```

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

```
.border{ border-color:#BFE68E }
```

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

Here you see how a box with a 4 pixel #BFE68E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFE68E; -webkit-box-shadow:4px 4px  
4px 4px #BFE68E; box-shadow:4px 4px 4px  
4px #BFE68E }
```

# Background

The CSS property to change the background color of an element to Hex BFE68E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFE68E }
```

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

```
.background{ background-color:#BFE68E }
```

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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