

# Converting Colors

Hex(BBCF8E)

Have a look what the booklet for  
Hex(BBCF8E) contains.

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# **Color**

**Hex(BBCF8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBCF8E
RGB	187, 207, 142
RGB Percent	73%, 81%, 56%
CMY	0.2667, 0.1882, 0.4431
CMYK	0.10, 0.00, 0.31, 0.19
HSL	78°, 40%, 68%
HSV	78°, 31%, 81%
XYZ	47.6888, 57.1434, 34.1075
YIQ	193.6100, 8.9450, -24.4550

# Conversions

## Conversions Part 2

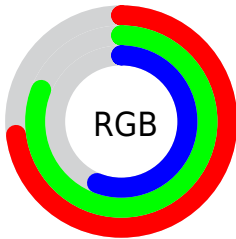
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 207, 162
Decimal	12308366
CIELab	80.26, -17.60, 30.14
CIElCh	80, 34.902, 120.292
Yxy	57.1434, 0.3432, 0.4113
Android (android.graphics.Color)	4290498446 (0xFFBBCF8E)
YUV	193.6100, -25.4437, -5.7970
Hunter-Lab	75.5933, -19.6796, 26.1638

# Details

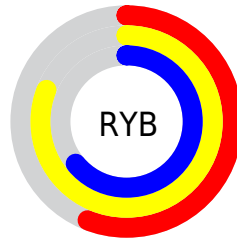
The Hex color **BBCF8E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A28ECF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F4FFC4**, and **85995B** is the 20% darker color. If you saturate the color by 10%, you get **B5CF79**, and if you desaturate by 10%, it is **C1CFA3**.

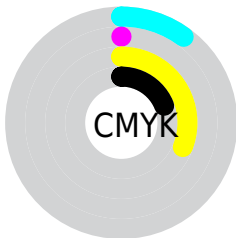
# Distribution



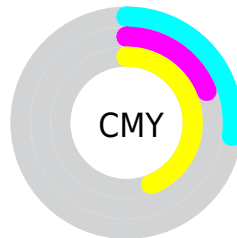
- Red (73%)
- Green (81%)
- Blue (56%)



- Red (56%)
- Yellow (81%)
- Blue (64%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBCF8E 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 BBCF8E by changing the saturation by 10% instead.



 BBCF8E

 BBCF8E

FFFFFF

 A0B374

 F4FFC4

 85995B

 FFFFEO

 6B7F43

FFFFFFD

 52662B

 3A4E14

 233700

 0B2100

 000200

 000000

 BBCF8E

 BBCF8E

 B5CF79

 C1CFA3

 AECF65

 C8CFB7

 A8CF50

 CECFCC

 A2CF3B

 D4CFE1

 9BCF27

 DBCFF5

 95CF12

 E1CFFF

 8FCF00

 E8CFFF

 EECFFF

 F4CFFF

# Harmonies

## Analogous

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



DDC586



BBCF8E



95D6A6

# Triad

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



BBCF8E



6ED3FF



FFAFC8

# Complementary

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



BBCF8E



A28ECF

# Split Complementary

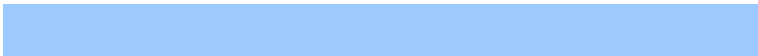
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F1B4E8



BBCF8E



9CCAFF

# Square

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



BBCF8E



5BD8E7



CCBFFF



FFB1A8

# Rectangle

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



BBCF8E



7CD8BB



CCBFFF



FFB0D3



# Sweetspot

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



BBCF8E



F8FFE8



CFA28E



7B8071



000000



808080

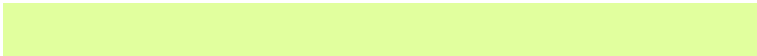


# Same Dimension

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



BBCF8E



E1FF9E



9BCF8E



65695E



75A800



1C2900



# Inverse Universe

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



A28ECF



BC9EFF



C28ECF



615E69



3400A8



0D0029



# Previews

## White Background



This preview shows how the Hex color BBCF8E looks on a white background.

## Color Contrast Check

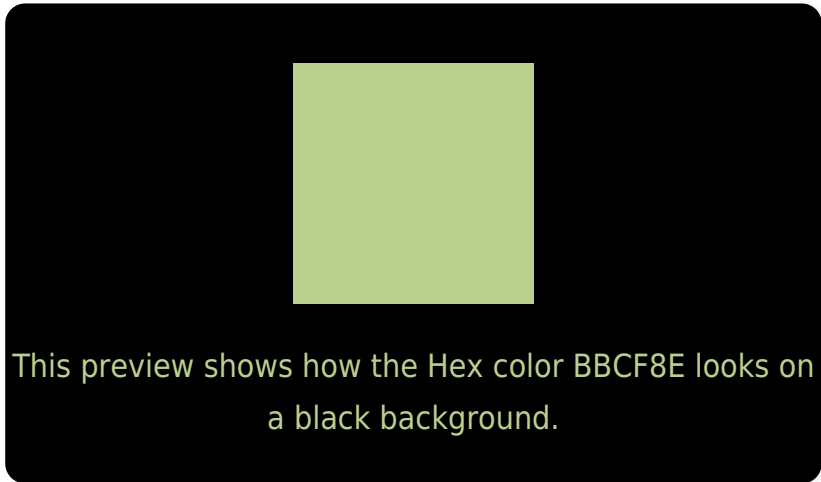
Large Text (above 18pt) WCAG AA × Fail

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

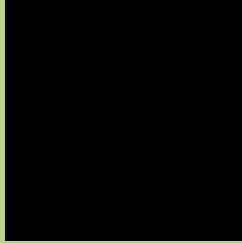
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBCF8E Background



This preview shows how black text looks on a background with the Hex color BBCF8E.

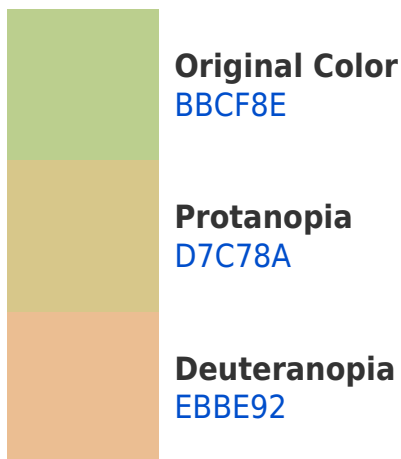


This preview shows how white text looks on a background with the Hex color BBCF8E.

# 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](#).

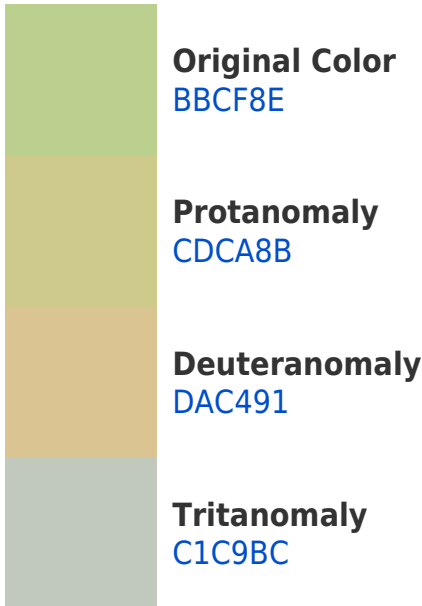
## Dichromacy





**Tritanopia**  
C5C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBCF8E 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 #BBCF8E looks like.

```
.text, #text, p{  
    color:#BBCF8E  
}
```

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 #BBCF8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBCF8E
}
```

## Border

The CSS property to change the border of an element to Hex BBCF8E 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
#BBCF8E }
```

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

```
.border{ border-color:#BBCF8E }
```

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

Here you see how a box with a 4 pixel #BBCF8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBCF8E; -webkit-box-shadow:4px 4px  
4px 4px #BBCF8E; box-shadow:4px 4px 4px  
4px #BBCF8E }
```

# Background

The CSS property to change the background color of an element to Hex BBCF8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBCF8E }
```

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

```
.background{ background-color:#BBCF8E }
```

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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