

# Converting Colors

Hex(BBF0B3)

Have a look what the booklet for  
Hex(BBF0B3) contains.

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# **Color**

**Hex(BBF0B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBF0B3
RGB	187, 240, 179
RGB Percent	73%, 94%, 70%
CMY	0.2667, 0.0588, 0.2980
CMYK	0.22, 0.00, 0.25, 0.06
HSL	112°, 67%, 82%
HSV	112°, 25%, 94%
XYZ	59.7903, 76.1396, 54.1930
YIQ	217.1990, -12.0070, -30.2070

# Conversions

## Conversions Part 2

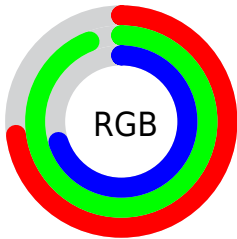
Format	Color
<a href="#">RYB</a>	<a href="#">179, 240, 232</a>
Decimal	<a href="#">12316851</a>
CIELab	<a href="#">89.92, -28.15, 24.13</a>
CIELCh	<a href="#">90, 37.078, 139.399</a>
Yxy	<a href="#">76.1396, 0.3145, 0.4005</a>
Android (android.graphics.Color)	<a href="#">4290506931 (0xFFBBF0B3)</a>
YUV	<a href="#">217.1990, -18.8321, -26.4845</a>
Hunter-Lab	<a href="#">87.2580, -30.3911, 24.2576</a>

# Details

The Hex color **BBF0B3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E8B3F0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F4FFEB**, and **85B87E** is the 20% darker color. If you saturate the color by 10%, you get **A6F09B**, and if you desaturate by 10%, it is **D0F0CB**.

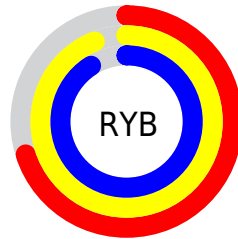
# Distribution



Red (73%)

Green (94%)

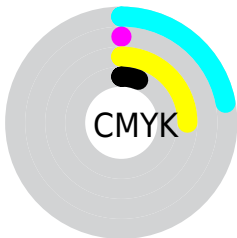
Blue (70%)



Red (70%)

Yellow (94%)

Blue (91%)

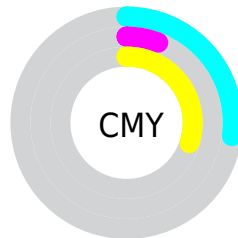


Cyan (22%)

Magenta (0%)

Yellow (25%)

Black (6%)



Cyan (27%)

Magenta (6%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color `BBF0B3` 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 `BBF0B3` by changing the saturation by 10% instead.



 BBF0B3

 BBF0B3

FFFFFF

 9FD498

 F4FFEB

 85B87E

 6B9D65

 51824C

 386935

 1F511F

 033908

 002400

 000000

 BBF0B3

 BBF0B3

 A6F09B

 D0F0CB

 91F083

 E5F0E3

 7CF06B

 FAF0FB

 68F053

 FFF0FF

 53F03B

 3EF023

 29F00B

 1FF000

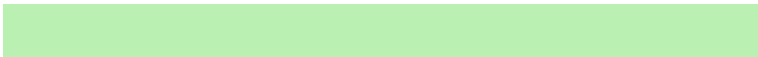
# Harmonies

## Analogous

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



E3E79F



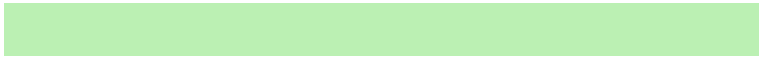
BBF0B3



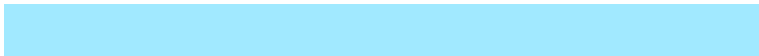
92F5D4

# Triad

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



BBF0B3



A1E9FF



FFC9CC

# Complementary

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



BBF0B3



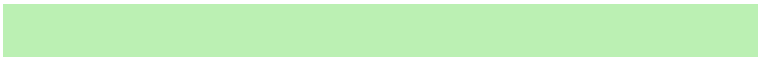
E8B3F0

# 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.



FFC9F0



BBF0B3



D6DEFF

# Square

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



BBF0B3



78F2FF



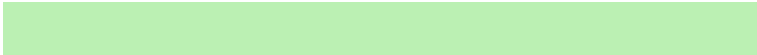
FFD1FF



FFD0AE

# Rectangle

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



BBF0B3



7BF6EC



FFD1FF



FFC8D8



# Sweetspot

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



BBF0B3



EDFFEB



F0E8B3



748073



000000

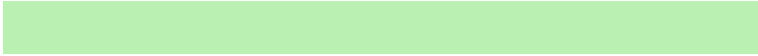


808080

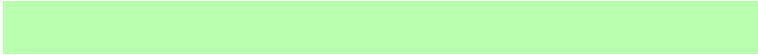


# Same Dimension

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



BBF0B3



BAFFB0



B3F0C9



6D786C



18B800



073800



# Inverse Universe

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



E8B3F0



F5B0FF



F0B3DA



766C78



A000B8

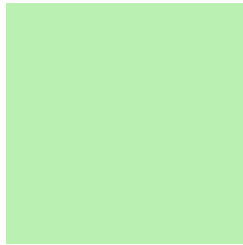


310038



# Previews

## White Background



This preview shows how the Hex color BBF0B3 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 BBF0B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

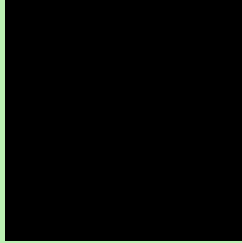
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

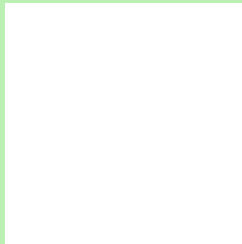
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBF0B3 Background



This preview shows how black text looks on a background with the Hex color BBF0B3.

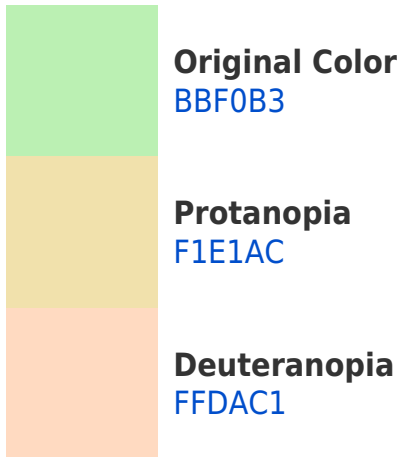


This preview shows how white text looks on a background with the Hex color BBF0B3.

# 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



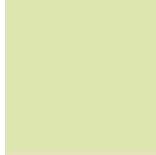


**Tritanopia**  
C7E7F9

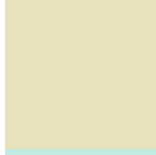
# Trichromacy



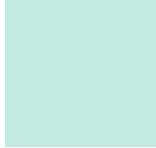
**Original Color**  
BBF0B3



**Protanomaly**  
DDE6AF



**Deuteranomaly**  
E6E2BC

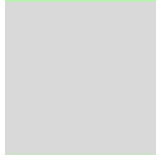


**Tritanomaly**  
C3EAE0

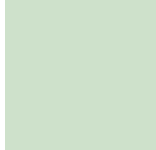
# Monochromacy



**Original Color**  
BBF0B3



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
CEE1CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBF0B3 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 #BBF0B3 looks like.

```
.text, #text, p{  
    color:#BBF0B3  
}
```

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 #BBF0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBF0B3
}
```

## Border

The CSS property to change the border of an element to Hex BBF0B3 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
#BBF0B3 }
```

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

```
.border{ border-color:#BBF0B3 }
```

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

Here you see how a box with a 4 pixel #BBF0B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBF0B3; -webkit-box-shadow:4px 4px  
4px 4px #BBF0B3; box-shadow:4px 4px 4px  
4px #BBF0B3 }
```

# Background

The CSS property to change the background color of an element to Hex BBF0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBF0B3 }
```

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

```
.background{ background-color:#BBF0B3 }
```

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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