

# Converting Colors

Hex(CBF1BE)

Have a look what the booklet for  
Hex(CBF1BE) contains.

<b>Hex(CBF1BE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CBF1BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBF1BE
RGB	203, 241, 190
RGB Percent	80%, 95%, 75%
CMY	0.2039, 0.0549, 0.2549
CMYK	0.16, 0.00, 0.21, 0.05
HSL	105°, 65%, 85%
HSV	105°, 21%, 95%
XYZ	65.3782, 79.3248, 60.5806
YIQ	223.8240, -6.2770, -23.9170

# Conversions

## Conversions Part 2

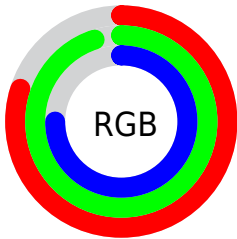
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 241, 228
Decimal	13365694
CIELab	91.38, -21.48, 20.64
CIELCh	91, 29.793, 136.138
Yxy	79.3248, 0.3185, 0.3864
Android (android.graphics.Color)	4291555774 (0xFFC BF1BE)
YUV	223.8240, -16.6752, -18.2626
Hunter-Lab	89.0645, -24.8341, 22.0168

# Details

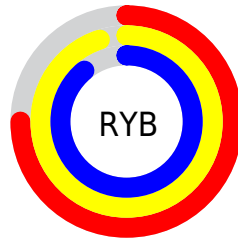
The Hex color **CBF1BE** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E4BEF1**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF6**, and **94B988** is the 20% darker color. If you saturate the color by 10%, you get **B9F1A6**, and if you desaturate by 10%, it is **DDF1D6**.

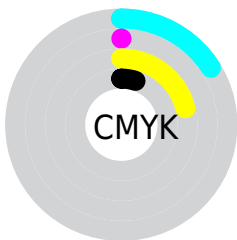
# Distribution



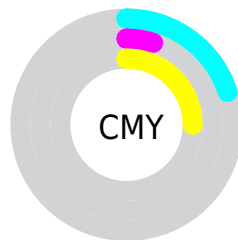
- Red (80%)
- Green (95%)
- Blue (75%)



- Red (75%)
- Yellow (95%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBF1BE 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 CBF1BE by changing the saturation by 10% instead.



 CBF1BE

FFFFFF

 FFFFF6

 CBF1BE

 AFD5A3

 94B988

 7A9E6F

 618456

 486A3F

 315228

 193B13

 052500

 000900

 CBF1BE

 CBF1BE

 B9F1A6

 DDF1D6

 A7F18E

 EFF1EE

 95F176

 FFF1FF

 83F15E

 71F146

 5FF12D

 4DF115

 3DF100

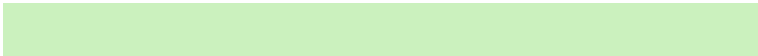
# Harmonies

## Analogous

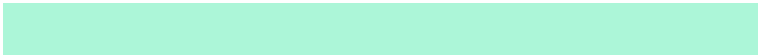
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ECE9AF



CBF1BE



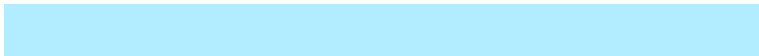
ACF6D8

# Triad

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



CBF1BE



B2EDFF



FFD2D8

# Complementary

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



CBF1BE



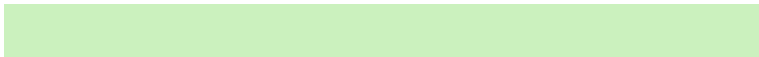
E4BEF1

# 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.



FFD3F5



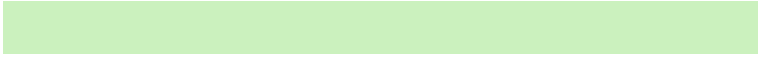
CBF1BE



D9E4FF

# Square

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



CBF1BE



98F4FF



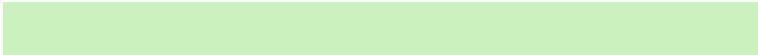
FEDAFF



FFD7BE

# Rectangle

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



CBF1BE



9CF7EB



FEDAFF

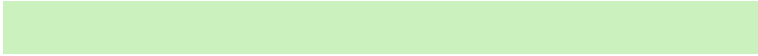


FFD2E1



# Sweetspot

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



CBF1BE



F4FFF0



F1E3BE



798077



000000



808080

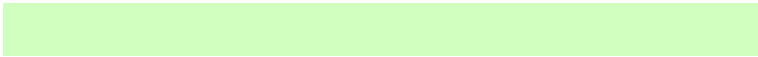


# Same Dimension

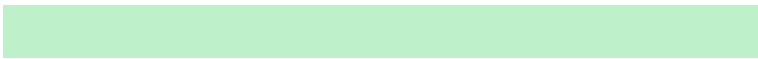
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBF1BE



D0FFBF



BEF1CA



6F786C



2FB800



0E3800



# Inverse Universe

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



E4BEF1



EFBFFF



F1BEE5



756C78



8900B8

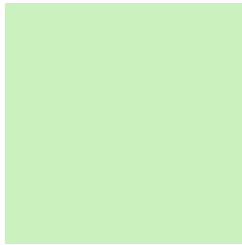


2A0038



# Previews

## White Background



This preview shows how the Hex color CBF1BE looks on a white background.

## Color Contrast Check

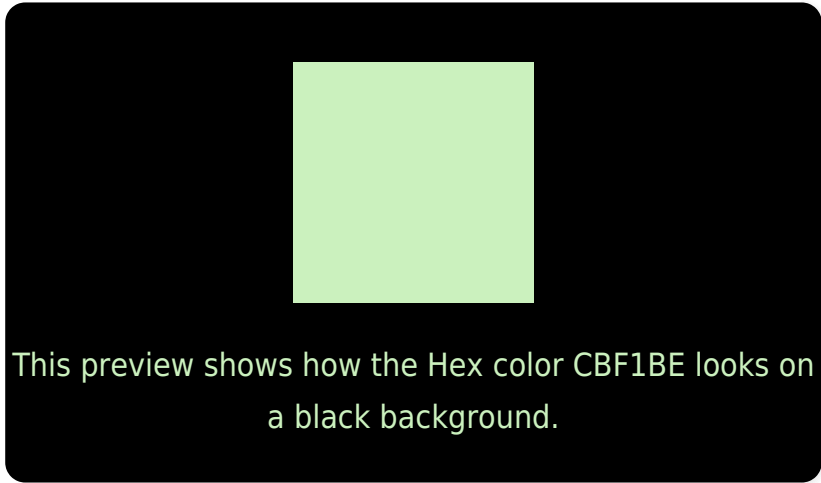
Large Text (above 18pt) WCAG AA × Fail

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

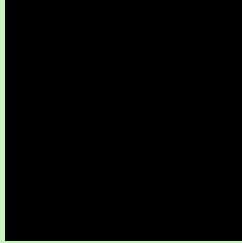
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

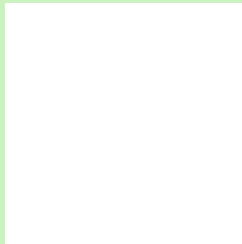
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBF1BE Background



This preview shows how black text looks on a background with the Hex color CBF1BE.

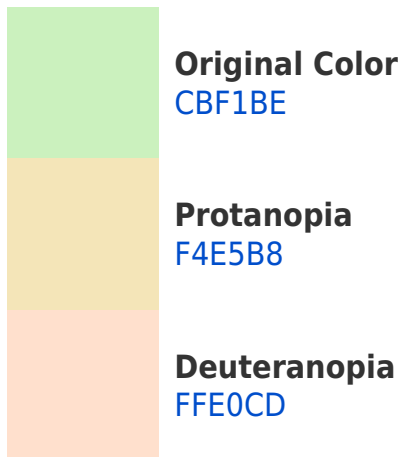


This preview shows how white text looks on a background with the Hex color CBF1BE.

# 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



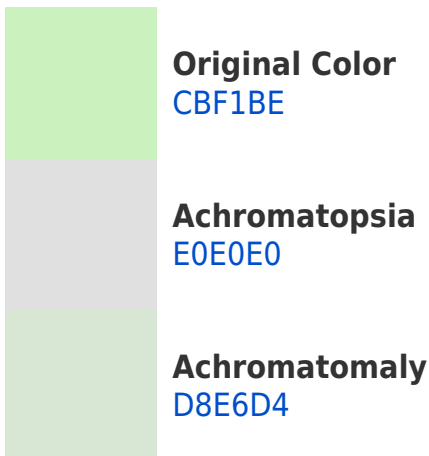


**Tritanopia**  
D5E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBF1BE 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 #CBF1BE looks like.

```
.text, #text, p{  
    color:#CBF1BE  
}
```

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 #CBF1BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBF1BE }  
}
```

## Border

The CSS property to change the border of an element to Hex CBF1BE 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 #CBF1BE }  
}
```

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

```
.border{ border-color:#CBF1BE }
```

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

Here you see how a box with a 4 pixel #CBF1BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBF1BE; -webkit-box-shadow:4px 4px  
4px 4px #CBF1BE; box-shadow:4px 4px 4px  
4px #CBF1BE }
```

# Background

The CSS property to change the background color of an element to Hex CBF1BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBF1BE }
```

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

```
.background{ background-color:#CBF1BE }
```

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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