

# Converting Colors

Hex(BEF2C2)

Have a look what the booklet for  
Hex(BEF2C2) contains.

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# **Color**

**Hex(BEF2C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEF2C2
RGB	190, 242, 194
RGB Percent	75%, 95%, 76%
CMY	0.2549, 0.0510, 0.2392
CMYK	0.21, 0.00, 0.20, 0.05
HSL	125°, 67%, 85%
HSV	125°, 21%, 95%
XYZ	62.7249, 78.3465, 62.8554
YIQ	220.9800, -15.5840, -25.9520

# Conversions

## Conversions Part 2

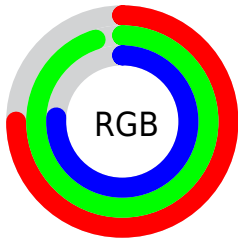
Format	Color
R <sub>Y</sub> B	190, 238, 242
Decimal	12513986
CIE Lab	90.94, -25.62, 17.85
CIE LCh	91, 31.226, 145.144
Yxy	78.3465, 0.3076, 0.3842
Android (android.graphics.Color)	4290704066 (0xFFBEF2C2)
YUV	220.9800, -13.3011, -27.1695
Hunter-Lab	88.5135, -28.4050, 19.8564

# Details

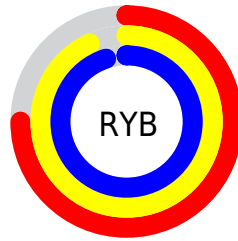
The Hex color **BEF2C2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F2BEEE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **F7FFFB**, and **88BA8C** is the 20% darker color. If you saturate the color by 10%, you get **A6F2AC**, and if you desaturate by 10%, it is **D6F2D8**.

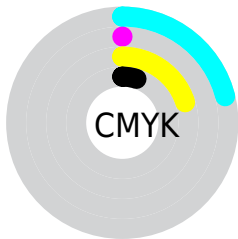
# Distribution



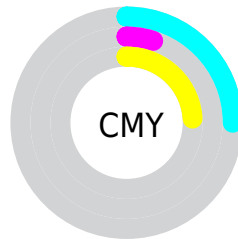
- Red (75%)
- Green (95%)
- Blue (76%)



- Red (75%)
- Yellow (93%)
- Blue (95%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)



- Cyan (25%)
- Magenta (5%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEF2C2 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 BEF2C2 by changing the saturation by 10% instead.



 BEF2C2

 BEF2C2

FFFFFF

 A3D6A7

 F7FFFB

 88BA8C

 6E9F73

 54845A

 3C6B42

 23522C

 083B16

 002500

 000600

 BEF2C2

 BEF2C2

 A6F2AC

 D6F2D8

 8EF295

 EEF2EF

 75F27F

 FFF2FF

 5DF269

 45F252

 2DF23C

 15F226

 00F213

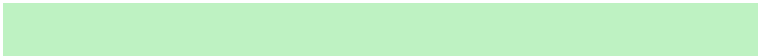
# Harmonies

## Analogous

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



E0EBAE



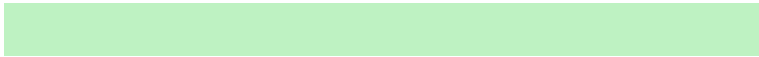
BEF2C2



9FF6DF

# Triad

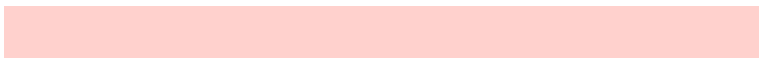
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BEF2C2



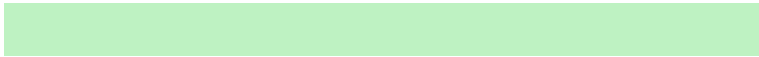
BAE9FF



FFD1CD

# Complementary

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



BEF2C2



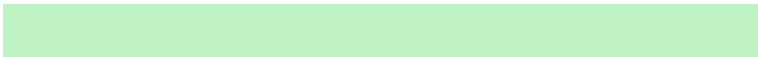
F2BEEE

# 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.



FFD0EB



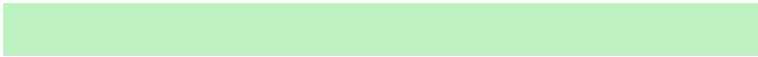
BEF2C2



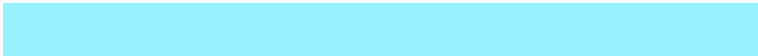
E3DFFF

# Square

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



BEF2C2



97F1FF



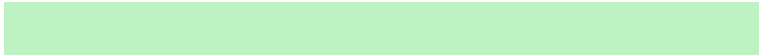
FFD5FF



FFD8B5

# Rectangle

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



BEF2C2



91F6F4



FFD5FF

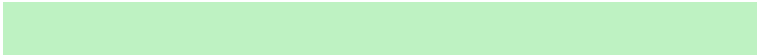


FFD0D7



# Sweetspot

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



BEF2C2



F0FFF1



EFF2BE



778077



000000

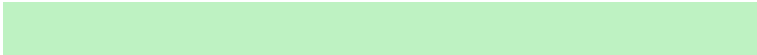


808080

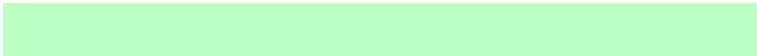


# Same Dimension

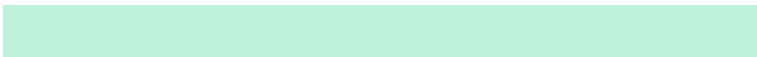
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BEF2C2



BDFFC2



BEF2DB



6C786D



00B80E



003804



# Inverse Universe

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



F2BEEE



FFBDFA



F2BED5



786C77



B800A9

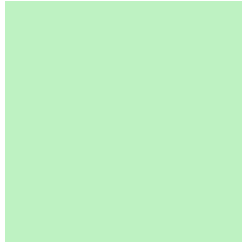


380034



# Previews

## White Background



This preview shows how the Hex color BEF2C2 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 BEF2C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

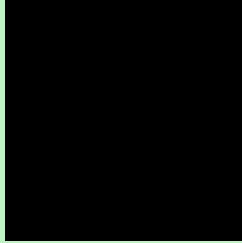
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

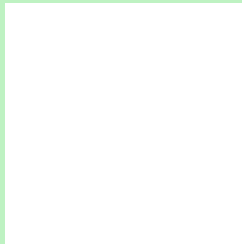
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BEF2C2 Background



This preview shows how black text looks on a background with the Hex color BEF2C2.

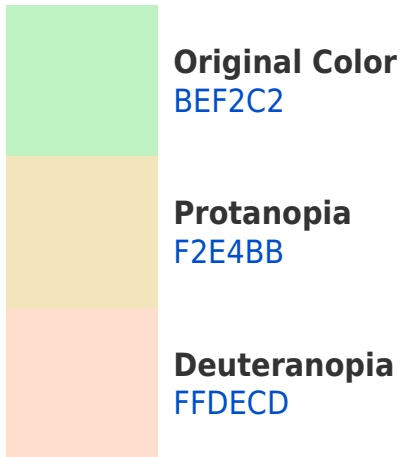


This preview shows how white text looks on a background with the Hex color BEF2C2.

# 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



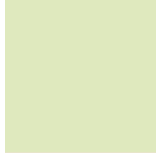


**Tritanopia**  
C8EAFD

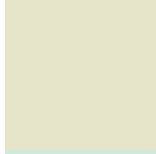
# Trichromacy



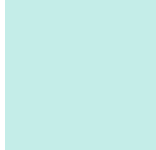
**Original Color**  
BEF2C2



**Protanomaly**  
DFE9BE

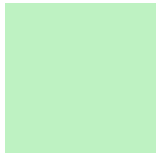


**Deuteranomaly**  
E7E5C9

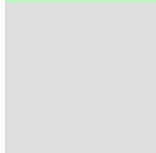


**Tritanomaly**  
C4EDE8

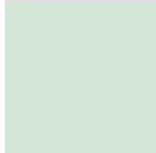
# Monochromacy



**Original Color**  
BEF2C2



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
D2E5D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEF2C2 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 #BEF2C2 looks like.

```
.text, #text, p{  
    color:#BEF2C2  
}
```

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 #BEF2C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF2C2
}
```

## Border

The CSS property to change the border of an element to Hex BEF2C2 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
#BEF2C2 }
```

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

```
.border{ border-color:#BEF2C2 }
```

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

Here you see how a box with a 4 pixel #BEF2C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF2C2; -webkit-box-shadow:4px 4px  
4px 4px #BEF2C2; box-shadow:4px 4px 4px  
4px #BEF2C2 }
```

# Background

The CSS property to change the background color of an element to Hex BEF2C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF2C2 }
```

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

```
.background{ background-color:#BEF2C2 }
```

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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