

# Converting Colors

Hex(BEF49C)

Have a look what the booklet for  
Hex(BEF49C) contains.

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# **Color**

**Hex(BEF49C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEF49C
RGB	190, 244, 156
RGB Percent	75%, 96%, 61%
CMY	0.2549, 0.0431, 0.3882
CMYK	0.22, 0.00, 0.36, 0.04
HSL	97°, 80%, 78%
HSV	97°, 36%, 96%
XYZ	59.5866, 78.0488, 43.3769
YIQ	217.8220, -3.9360, -38.8160

# Conversions

## Conversions Part 2

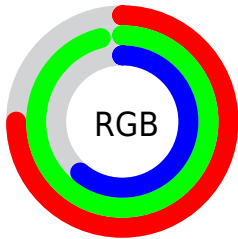
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 244, 210
Decimal	12514460
CIELab	90.80, -32.42, 36.98
CIELCh	91, 49.181, 131.244
Yxy	78.0488, 0.3292, 0.4312
Android (android.graphics.Color)	4290704540 (0xFFBEF49C)
YUV	217.8220, -30.4782, -24.3999
Hunter-Lab	88.3452, -34.2104, 32.7307

# Details

The Hex color **BEF49C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D29CF4**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **F7FFD3**, and **87BC68** is the 20% darker color. If you saturate the color by 10%, you get **AFF484**, and if you desaturate by 10%, it is **CDF4B4**.

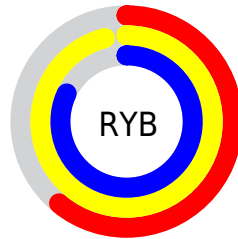
# Distribution



Red (75%)

Green (96%)

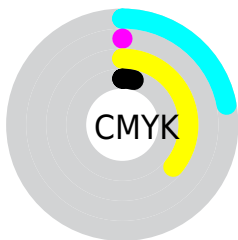
Blue (61%)



Red (61%)

Yellow (96%)

Blue (82%)

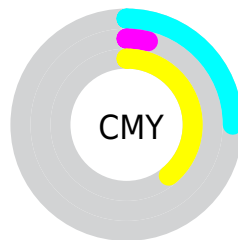


Cyan (22%)

Magenta (0%)

Yellow (36%)

Black (4%)



Cyan (25%)

Magenta (4%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEF49C 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 BEF49C by changing the saturation by 10% instead.



 BEF49C

FFFFFF

 F7FFD3

 FFFFF0

 BEF49C

 A2D781

 87BC68

 6CA04E

 528636

 396C1E

 1E5402

 013C00

 002600

 000500

 BEF49C

 BEF49C

 AFF484

 CDF4B4

 A0F46B

 DCF4CD

 91F453

 EBF4E5

 82F43A

 FAF4FE

 73F422

 FFF4FF

 64F40A

 5EF400

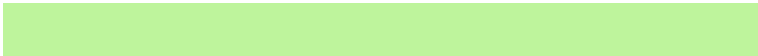
# Harmonies

## Analogous

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



F2E887



BEF49C



82FBC5

# Triad

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



BEF49C



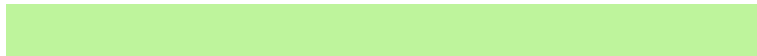
66F2FF



FFC0D4

# Complementary

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



BEF49C



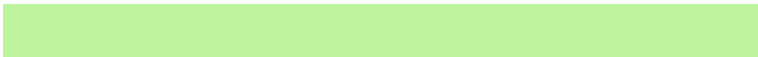
D29CF4

# Split Complementary

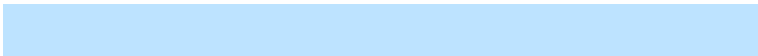
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC4FF



BEF49C



BDE3FF

# Square

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



BEF49C



00FBFF



FFD2FF



FFC8A9

# Rectangle

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



BEF49C



51FEE5



FFD2FF

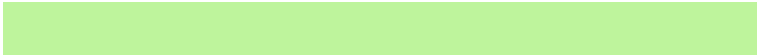


FFC0E4



# Sweetspot

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



BEF49C



EEFFE3



F4D19C



75806F



000000



808080

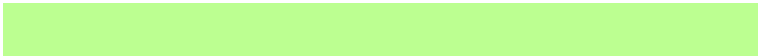


# Same Dimension

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



BEF49C



BCFF91



9CF4A5



737A6E



48BA00



173B00



# Inverse Universe

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



D29CF4



D591FF



F49CEB



766E7A



7200BA



24003B



# Previews

## White Background



This preview shows how the Hex color BEF49C looks on a white background.

## Color Contrast Check

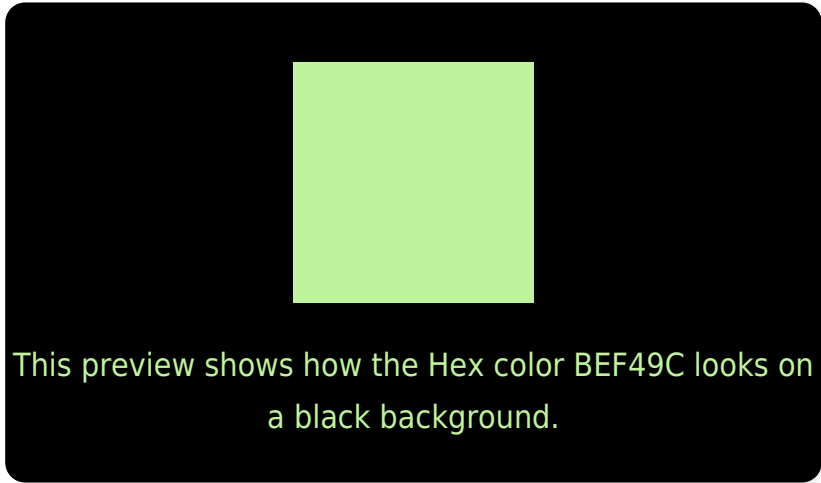
Large Text (above 18pt) WCAG AA × Fail

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

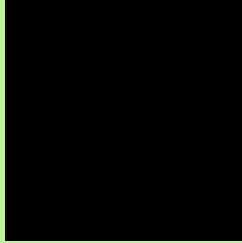
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

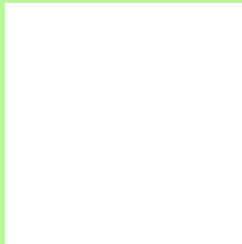
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BEF49C Background



This preview shows how black text looks on a background with the Hex color BEF49C.



This preview shows how white text looks on a background with the Hex color BEF49C.

# 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



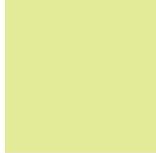


**Tritanopia**  
CDE8FB

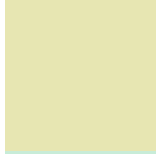
# Trichromacy



**Original Color**  
BEF49C



**Protanomaly**  
E3EA98



**Deuteranomaly**  
E7E6B2

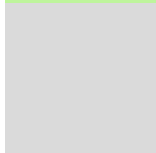


**Tritanomaly**  
C8ECD8

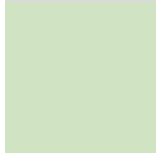
# Monochromacy



**Original Color**  
BEF49C



**Achromatopsia**  
DADADA



**Achromatomaly**  
D0E3C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEF49C 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 #BEF49C looks like.

```
.text, #text, p{  
    color:#BEF49C  
}
```

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 #BEF49C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF49C
}
```

## Border

The CSS property to change the border of an element to Hex BEF49C 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
#BEF49C }
```

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

```
.border{ border-color:#BEF49C }
```

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

Here you see how a box with a 4 pixel #BEF49C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF49C; -webkit-box-shadow:4px 4px  
4px 4px #BEF49C; box-shadow:4px 4px 4px  
4px #BEF49C }
```

# Background

The CSS property to change the background color of an element to Hex BEF49C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF49C }
```

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

```
.background{ background-color:#BEF49C }
```

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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