

# Converting Colors

Hex(BEF27C)

Have a look what the booklet for  
Hex(BEF27C) contains.

<b>Hex(BEF27C)</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(BEF27C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BEF27C
RGB	190, 242, 124
RGB Percent	75%, 95%, 49%
CMY	0.2549, 0.0510, 0.5137
CMYK	0.21, 0.00, 0.49, 0.05
HSL	86°, 82%, 72%
HSV	86°, 49%, 95%
XYZ	56.6254, 75.9066, 30.7358
YIQ	213.0000, 6.8860, -47.7220

# Conversions

## Conversions Part 2

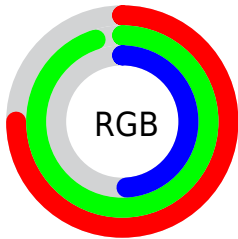
Format	Color
<a href="#">RYB</a>	<a href="#">124, 242, 176</a>
Decimal	<a href="#">12513916</a>
CIELab	<a href="#">89.82, -35.38, 51.24</a>
CIElCh	<a href="#">90, 62.272, 124.624</a>
Yxy	<a href="#">75.9066, 0.3468, 0.4649</a>
Android (android.graphics.Color)	<a href="#">4290703996 (0xFFBEF27C)</a>
YUV	<a href="#">213.0000, -43.8770, -20.1710</a>
Hunter-Lab	<a href="#">87.1244, -36.4539, 40.0708</a>

# Details

The Hex color **BEF27C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B07CF2**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F8FFB3**, and **86BA47** is the 20% darker color. If you saturate the color by 10%, you get **B3F264**, and if you desaturate by 10%, it is **C9F294**.

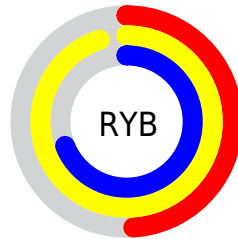
# Distribution



Red (75%)

Green (95%)

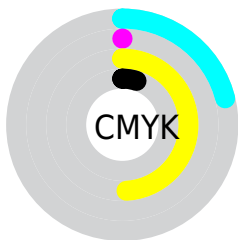
Blue (49%)



Red (49%)

Yellow (95%)

Blue (69%)

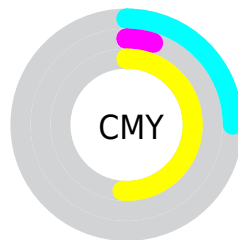


Cyan (21%)

Magenta (0%)

Yellow (49%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEF27C 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 BEF27C by changing the saturation by 10% instead.



 BEF27C

FFFFFF

 F8FFB3

 FFFFCF

 FFFFEC

 BEF27C

 A2D561

 86BA47

 6B9E2D

 50840D

 356B00

 1A5200

 003A00

 002600

 000000

 BEF27C

 BEF27C

 B3F264

 C9F294

 A9F24C

 D3F2AC

 9EF233

 DEF2C5

 93F21B

 E9F2DD

 89F203

 F3F2F5

 87F200

 FEF2FF

 FFF2FF

# Harmonies

## Analogous

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



FCE267



BEF27C



6DFCAD

# Triad

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



BEF27C



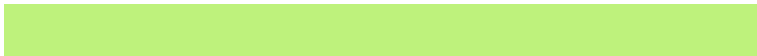
00F5FF



FFAFDB

# Complementary

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



BEF27C



B07CF2

# 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.



FFB9FF



BEF27C



8BE5FF

# Square

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



BEF27C



00FEFF



F3CFFF



FFB8A1

# Rectangle

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



BEF27C



00FFD5



F3CFFF



FFB1EF



# Sweetspot

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



BEF27C



EEFFD9



F2AF7C



758069



000000



808080

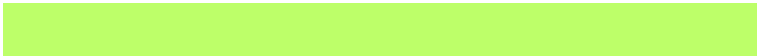


# Same Dimension

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



BEF27C



BDF69



84F27C



73786C



67B800



1F3800



# Inverse Universe

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



B07CF2



AB69FF



EA7CF2



716C78



5100B8

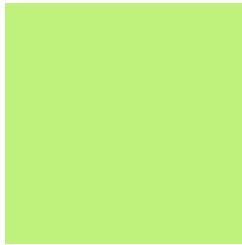


190038



# Previews

## White Background



This preview shows how the Hex color BEF27C looks on a white background.

## Color Contrast Check

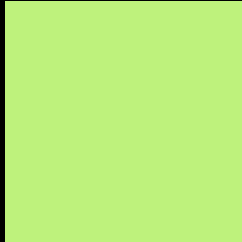
Large Text (above 18pt) WCAG AA × Fail

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 BEF27C 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 BEF27C Background



This preview shows how black text looks on a background with the Hex color BEF27C.

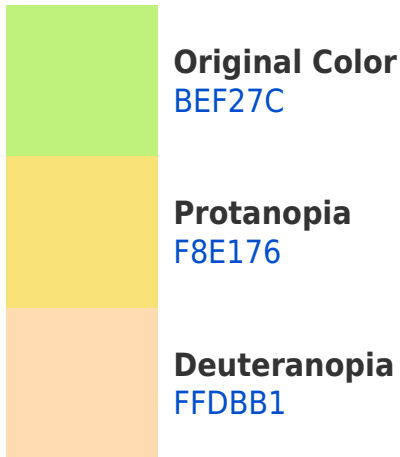


This preview shows how white text looks on a background with the Hex color BEF27C.

# 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



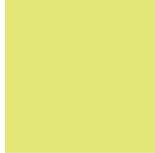


**Tritanopia**  
CFE4F7

# Trichromacy



**Original Color**  
BEF27C



**Protanomaly**  
E3E778



**Deuteranomaly**  
E7E39E

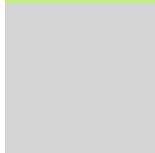


**Tritanomaly**  
C9E9CA

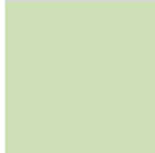
# Monochromacy



**Original Color**  
BEF27C



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
CDE0B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEF27C 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 #BEF27C looks like.

```
.text, #text, p{  
    color:#BEF27C  
}
```

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 #BEF27C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF27C
}
```

## Border

The CSS property to change the border of an element to Hex BEF27C 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
#BEF27C }
```

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

```
.border{ border-color:#BEF27C }
```

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

Here you see how a box with a 4 pixel #BEF27C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF27C; -webkit-box-shadow:4px 4px  
4px 4px #BEF27C; box-shadow:4px 4px 4px  
4px #BEF27C }
```

# Background

The CSS property to change the background color of an element to Hex BEF27C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF27C }
```

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

```
.background{ background-color:#BEF27C }
```

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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