

Converting Colors

Hex(BEF099)

Have a look what the booklet for
Hex(BEF099) contains.

Hex(BEF099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BEF099)

Conversions

Conversions Part 1

Format	Color
Hex	BEF099
RGB	190, 240, 153
RGB Percent	75%, 94%, 60%
CMY	0.2549, 0.0588, 0.4000
CMYK	0.21, 0.00, 0.36, 0.06
HSL	94°, 74%, 77%
HSV	94°, 36%, 94%
XYZ	58.1451, 75.5672, 41.6584
YIQ	215.1320, -1.8730, -37.6570

Conversions

Conversions Part 2

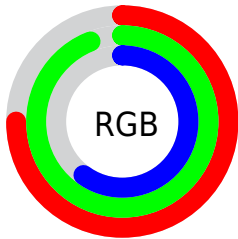
Format	Color
RYB	153, 240, 203
Decimal	12513433
CIELab	89.66, -30.97, 36.98
CIElCh	90, 48.233, 129.949
Yxy	75.5672, 0.3316, 0.4309
Android (android.graphics.Color)	4290703513 (0xFFBEF099)
YUV	215.1320, -30.6311, -22.0408
Hunter-Lab	86.9294, -32.7320, 32.4376

Details

The Hex color **BEF099** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CB99F0**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F7FFD0**, and **87B865** is the 20% darker color. If you saturate the color by 10%, you get **B0F081**, and if you desaturate by 10%, it is **CCF0B1**.

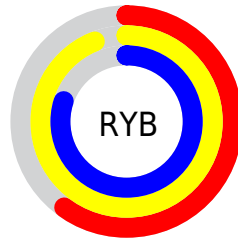
Distribution



Red (75%)

Green (94%)

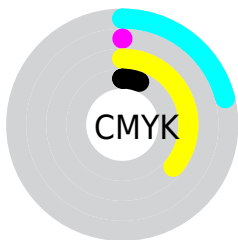
Blue (60%)



Red (60%)

Yellow (94%)

Blue (80%)

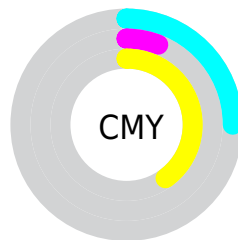


Cyan (21%)

Magenta (0%)

Yellow (36%)

Black (6%)



Cyan (25%)

Magenta (6%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEF099 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 BEF099 by changing the saturation by 10% instead.

 BEF099

 BEF099

FFFFFF

 A2D47F

 F7FFD0

 87B865

 FFFFED

 6D9D4C

 538233

 39691B

 1F5000

 033900

 002400

 000000

 BEF099

 BEF099

 B0F081

 CCF0B1

 A2F069

 DAF0C9

 95F051

 E7F0E1

 87F039

 F5F0F9

 79F021

 FFF0FF

 6BF009

 66F000

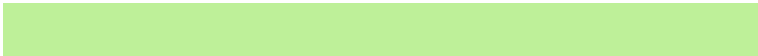
Harmonies

Analogous

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



F0E485



BEF099



84F8C0

Triad

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



BEF099



62EFFF



FFBDD4

Complementary

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



BEF099



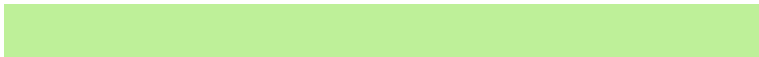
CB99F0

Split Complementary

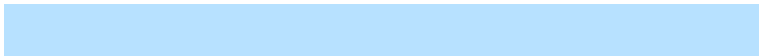
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FF



BEF099



B7E1FF

Square

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



BEF099



00F7FF



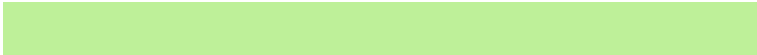
FAD0FF



FFC5A8

Rectangle

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



BEF099



56FAE0



FAD0FF



FFBDE3

Sweetspot

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



BEF099



EFFFE3



F0CA99



76806F



000000



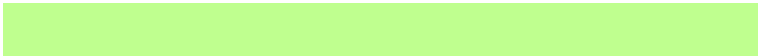
808080

Same Dimension

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



BEF099



BFFF8F



99F09F



71786C



4EB800



183800

Inverse Universe

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



CB99F0



CF8FFF



F099EA



736C78



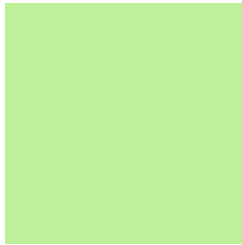
6A00B8



200038

Previews

White Background



This preview shows how the Hex color BEF099 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 BEF099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

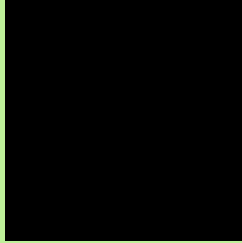
Any Text WCAG AA ✓ Pass

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 BEF099 Background



This preview shows how black text looks on a background with the Hex color BEF099.

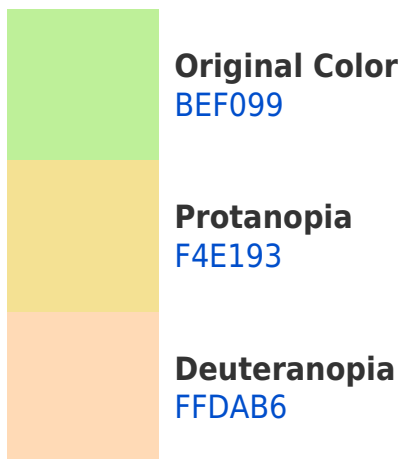


This preview shows how white text looks on a background with the Hex color BEF099.

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



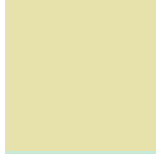
Trichromacy



Original Color
BEF099



Protanomaly
E0E695



Deuteranomaly
E7E2AB

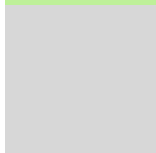


Tritanomaly
C7E9D5

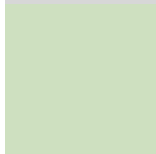
Monochromacy



Original Color
BEF099



Achromatopsia
D7D7D7



Achromatomaly
CEE0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex BEF099 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 #BEF099 looks like.

```
.text, #text, p{  
    color:#BEF099  
}
```

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 #BEF099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF099
}
```

Border

The CSS property to change the border of an element to Hex BEF099 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
#BEF099 }
```

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

```
.border{ border-color:#BEF099 }
```

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

Here you see how a box with a 4 pixel #BEF099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF099; -webkit-box-shadow:4px 4px  
4px 4px #BEF099; box-shadow:4px 4px 4px  
4px #BEF099 }
```

Background

The CSS property to change the background color of an element to Hex BEF099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF099 }
```

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

```
.background{ background-color:#BEF099 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor