

# Converting Colors

Hex(BEFFAE)

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

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# **Color**

**Hex(BEFFAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEFFAE
RGB	190, 255, 174
RGB Percent	75%, 100%, 68%
CMY	0.2549, 0.0000, 0.3176
CMYK	0.25, 0.00, 0.32, 0.00
HSL	108°, 100%, 84%
HSV	108°, 32%, 100%
XYZ	64.6352, 85.5231, 53.1454
YIQ	226.3310, -12.7390, -38.9710

# Conversions

## Conversions Part 2

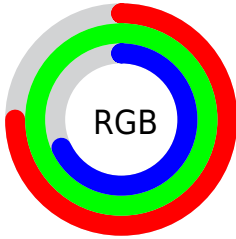
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 255, 239</a>
Decimal	<a href="#">12517294</a>
CIELab	<a href="#">94.11, -34.91, 32.37</a>
CIELCh	<a href="#">94, 47.611, 137.164</a>
Yxy	<a href="#">85.5231, 0.3179, 0.4207</a>
Android (android.graphics.Color)	<a href="#">4290707374</a> ( <a href="#">0xFFBEFFAE</a> )
YUV	<a href="#">226.3310, -25.7992, -31.8623</a>
Hunter-Lab	<a href="#">92.4787, -37.0806, 30.6625</a>

# Details

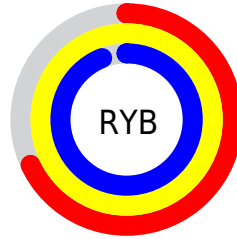
The Hex color **BEFFAE** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **EFAEFF**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **F8FFE6**, and **87C679** is the 20% darker color. If you saturate the color by 10%, you get **AAFF94**, and if you desaturate by 10%, it is **D2FFC8**.

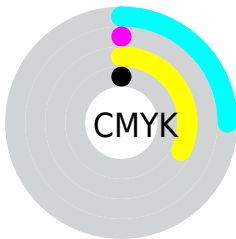
# Distribution



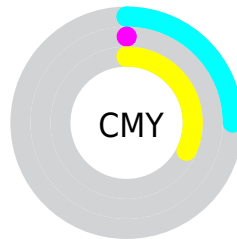
- Red (75%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (94%)



- Cyan (25%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 BEFFAE

FFFFFF

 F8FFE6

 BEFFAE

 A2E293

 87C679

 6CAA5F

 529047

 38762F

 1C5D17

 004400

 002D00

 001700

 BEFFAE

 BEFFAE

 AAFF94

 D2FFC8

 95FF7B

 E7FFE1

 81FF62

 FBFFFB

 6CFF48

 FFFFFFFF

 58FF2F

 43FF15

 32FF00

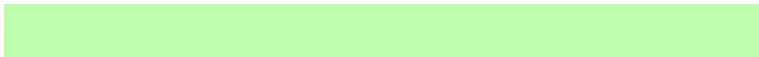
# Harmonies

## Analogous

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



F2F495



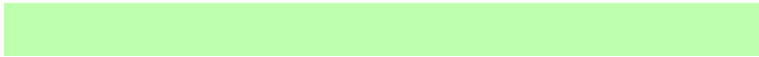
BEFFAE



83FFD8

# Triad

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



BEFFAE



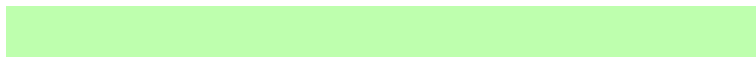
8AF8FF



FFCBD5

# Complementary

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



BEFFAE



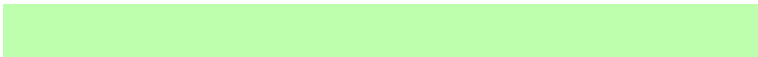
EFAEFF

# Split Complementary

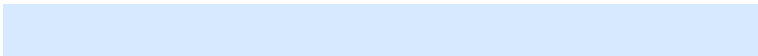
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFF



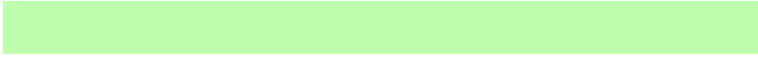
BEFFAE



D7E9FF

# Square

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



BEFFAE



3DFFFF



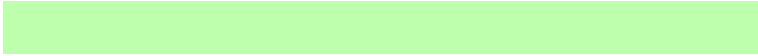
FFD9FF



FFD5AD

# Rectangle

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



BEFFAE



59FFF8



FFD9FF

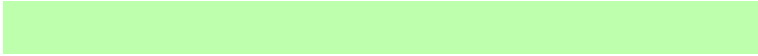


FFCAE5

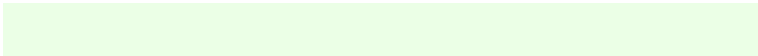


# Sweetspot

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



BEFFAE



EBFFE6



FFEFAE



738070



000000

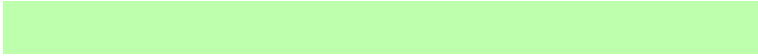


808080

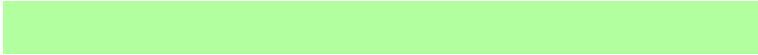


# Same Dimension

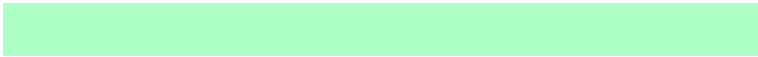
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BEFFAE



B1FF9E



AEFFC6



758073



26BF00



0D4000



# Inverse Universe

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



EFAEFF



EC9EFF



FFAEE7



7D7380



9900BF

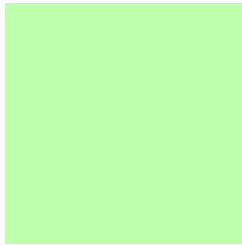


330040



# Previews

## White Background



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

## Color Contrast Check

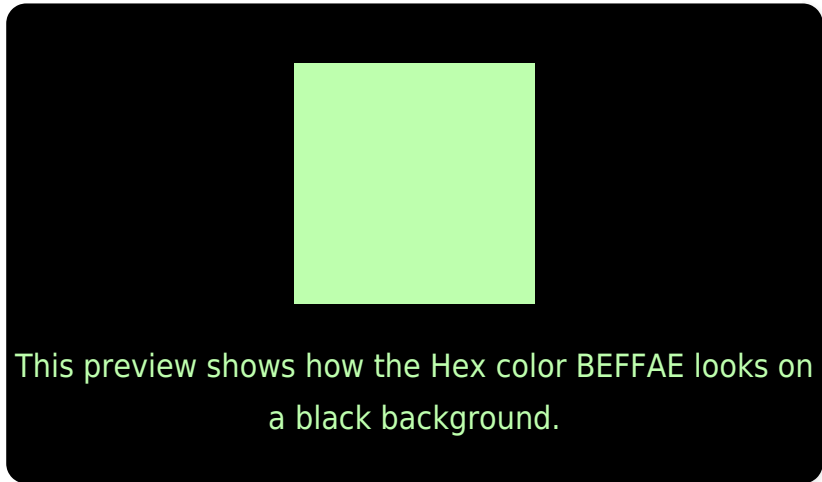
Large Text (above 18pt) WCAG AA × Fail

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

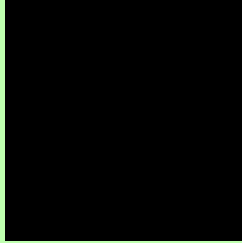
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEFFAE Background



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

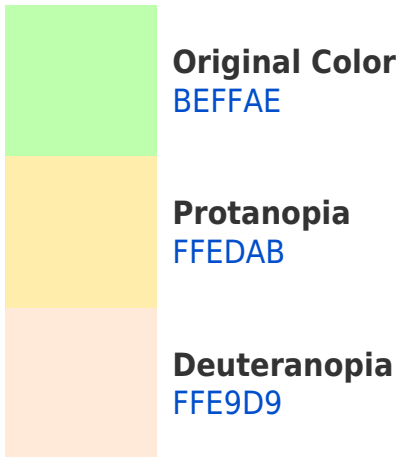


This preview shows how white text looks on a background with the Hex color BEFFAE.

# 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](#).

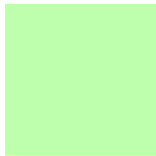
## Dichromacy



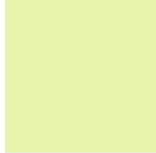


**Tritanopia**  
D8F2FF

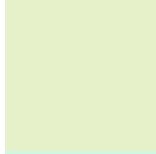
# Trichromacy



**Original Color**  
BEFFAE



**Protanomaly**  
E7F4AC

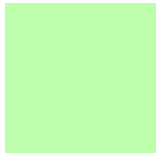


**Deuteranomaly**  
E7F1C9

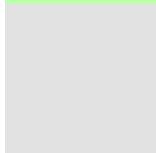


**Tritanomaly**  
CFF7E2

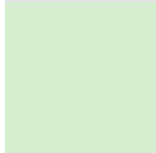
# Monochromacy



**Original Color**  
BEFFAE



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
D5EDCF

# CSS Examples

## Text

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

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

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 #BEFFAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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