

# Converting Colors

Hex(BEAFBF)

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

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# **Color**

**Hex(BEAFBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEAFBF
RGB	190, 175, 191
RGB Percent	75%, 69%, 75%
CMY	0.2549, 0.3137, 0.2510
CMYK	0.01, 0.08, 0.00, 0.25
HSL	296°, 11%, 72%
HSV	296°, 8%, 75%
XYZ	45.9691, 45.3687, 55.6244
YIQ	181.3090, 3.8040, 8.1560

# Conversions

## Conversions Part 2

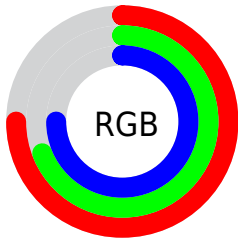
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 175, 191
Decimal	12496831
CIE Lab	73.13, 8.28, -6.20
CIE LCh	73, 10.343, 323.156
Yxy	45.3687, 0.3128, 0.3087
Android (android.graphics.Color)	4290686911 (0xFFBEAFBF)
YUV	181.3090, 4.7777, 7.6220
Hunter-Lab	67.3563, 3.9488, -1.8137

# Details

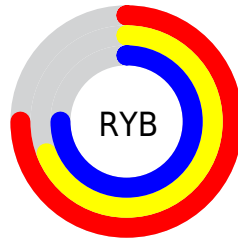
The Hex color **BEAFBF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B0BFAF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F6E7F7**, and **897B8A** is the 20% darker color. If you saturate the color by 10%, you get **BD9CBF**, and if you desaturate by 10%, it is **BFC2BF**.

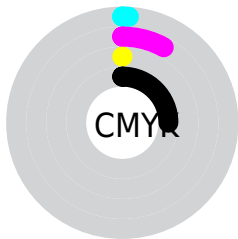
# Distribution



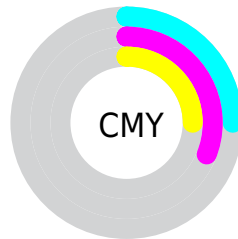
- Red (75%)
- Green (69%)
- Blue (75%)



- Red (75%)
- Yellow (69%)
- Blue (75%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (31%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



■ BEAFBF

■ BEAFBF

FFFFFF

■ A394A4

■ F6E7F7

■ 897B8A

■ 6F6270

■ 574A58

■ 3F3340

■ 291E2A

■ 160616

■ 000000

■ BEAFBF

■ BEAFBF

 BD9CBF

 BFC2BF

 BC89BF

 C0D5BF

 BA76BF

 C2E8BF

 B963BF

 C3FBBF

 B850BF

 C4FFBF

 B73CBF

 C5FFBF

 B629BF

 C6FFBF

 B416BF

 C8FFBF

 B303BF

 C9FFBF

# Harmonies

## Analogous

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



B3B2C5



BEAFBF



C6ADB6

# Triad

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



BEAFBF



BEB2A1



9CB9BB

# Complementary

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



BEAFBF



BOBFAF

# 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.



A0B9B1



BEAFBF



B3B5A2

# Square

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



BEAFBF



C5AFA5



A8B8A8



9FB8C2

# Rectangle

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



BEAFBF



C8ADB0



A8B8A8



9DB9B7



# Sweetspot

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



BEAFBF



F7F0F7



AFB0BF



7D787D



FCFCFC



7D7D7D



# Same Dimension

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



BEAFBF



F6DFF7



BFAFB8



5E555E



94009E



1D001F



# Inverse Universe

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



BFAFB0



F7DFE0



AFBFB6



5E5556



9E000A

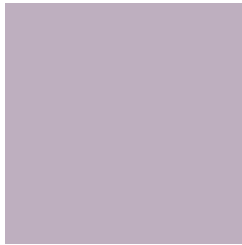


1F0002



# Previews

## White Background



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

## Color Contrast Check

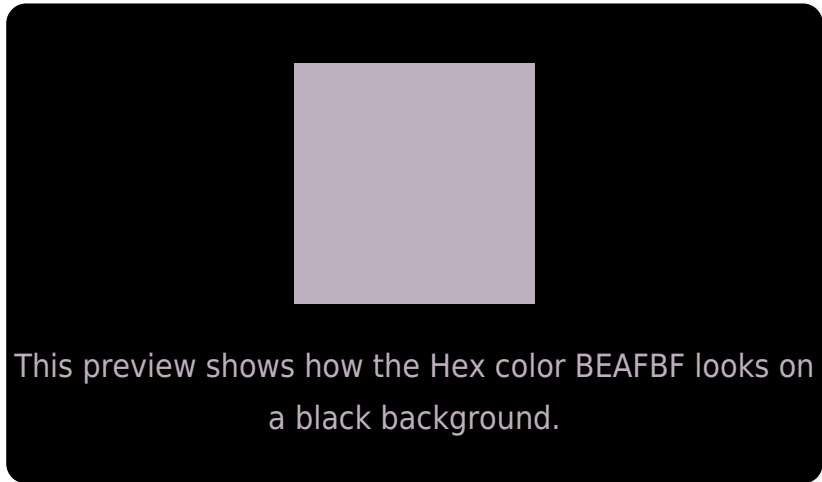
Large Text (above 18pt) WCAG AA × Fail

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

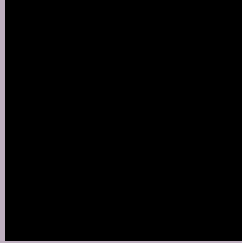
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEAFBF Background



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

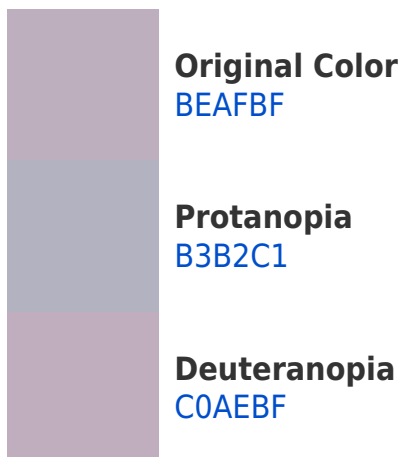


This preview shows how white text looks on a background with the Hex color BEAFBF.

# 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**  
BEAFBF

**Protanomaly**  
B7B1C0

**Deuteranomaly**  
BFAEBF

**Tritanomaly**  
BEAFBE

# Monochromacy



**Original Color**  
BEAFBF

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
B8B3B9

# CSS Examples

## Text

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

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

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 #BEAFBF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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