

# Converting Colors

Hex(BFAEEA)

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

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# Color

**Hex(BFAEEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFAEEA
RGB	191, 174, 234
RGB Percent	75%, 68%, 92%
CMY	0.2510, 0.3176, 0.0824
CMYK	0.18, 0.26, 0.00, 0.08
HSL	257°, 59%, 80%
HSV	257°, 26%, 92%
XYZ	51.4732, 47.2890, 84.2567
YIQ	185.9230, -9.1280, 22.2640

# Conversions

## Conversions Part 2

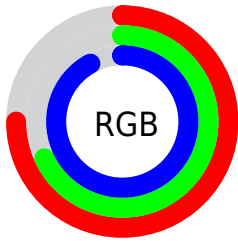
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	191, 174, 234
Decimal	12562154
CIE Lab	74.37, 18.01, -27.80
CIE LCh	74, 33.122, 302.937
Yxy	47.2890, 0.2812, 0.2584
Android (android.graphics.Color)	4290752234 (0xFFBFAEEA)
YUV	185.9230, 23.7020, 4.4525
Hunter-Lab	68.7670, 13.2679, -24.5081

# Details

The Hex color **BFAEEA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D9EAAE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F8E6FF**, and **897AB2** is the 20% darker color. If you saturate the color by 10%, you get **AE97EA**, and if you desaturate by 10%, it is **D0C5EA**.

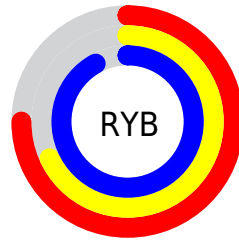
# Distribution



Red (75%)

Green (68%)

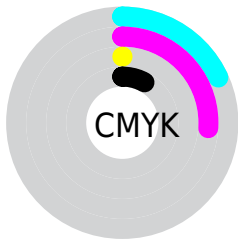
Blue (92%)



Red (75%)

Yellow (68%)

Blue (92%)

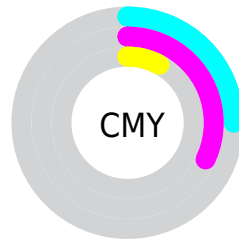


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (32%)

Yellow (8%)

# Brightness & Saturation Gradients

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



 BFAEEA

 BFAEEA

FFFFFF

 A493CE

 F8E6FF

 897AB2

 6F6197

 56497D

 3D3264

 251D4C

 0F0635

 00021F

 000002

 BFAEEA

 BFAEEA

 AE97EA

 D0C5EA

 9D7FEA

 E1DDEA

 8D68EA

 F1F4EA

 7C50EA

 FFFFEA

 6B39EA

 5A22EA

 4A0AEA

 4200EA

# Harmonies

## Analogous

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



93B9F3



BFAEEA



E0A4D3

# Triad

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



BFAEEA



E3AC82



63C8B9

# Complementary

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



BFAEEA



D9EAAE

# 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.



85C59A



BFAEEA



C9B67A

# Square

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



BFAEEA



F2A397



A9BF83



51C7D7

# Rectangle

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



BFAEEA



EEA1BF



A9BF83



6DC7AE



# Sweetspot

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



BFAEEA



F0EBFF



AED9EA



767380



000000



808080



# Same Dimension

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



BFAEEA



C6B0FF



DDAEEA



6D6A75



3300B5



0F0036



# Inverse Universe

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



EAAED9



FFB0E9



BBEAAE



756A72



B50082

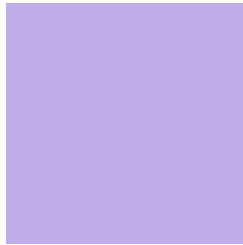


360026



# Previews

## White Background



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

## Color Contrast Check

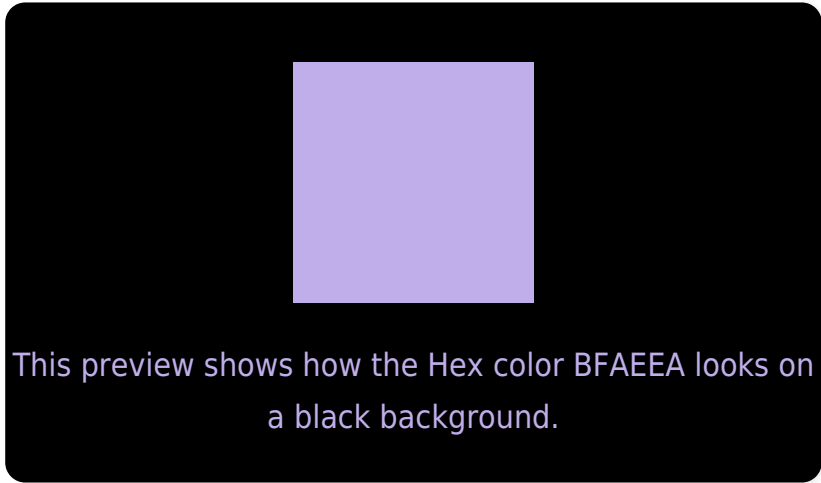
Large Text (above 18pt) WCAG AA × Fail

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

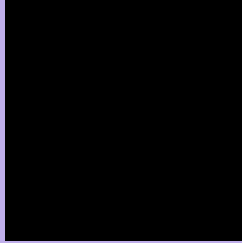
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFAEEA Background



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

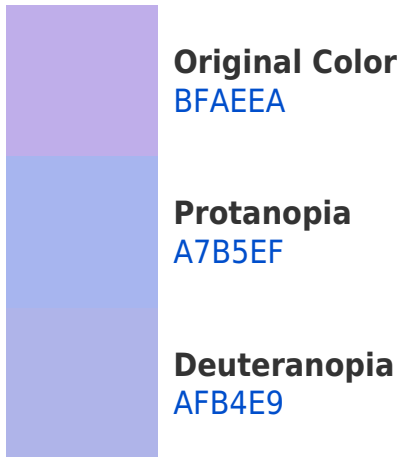


This preview shows how white text looks on a background with the Hex color BFAEEA.

# 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](#).

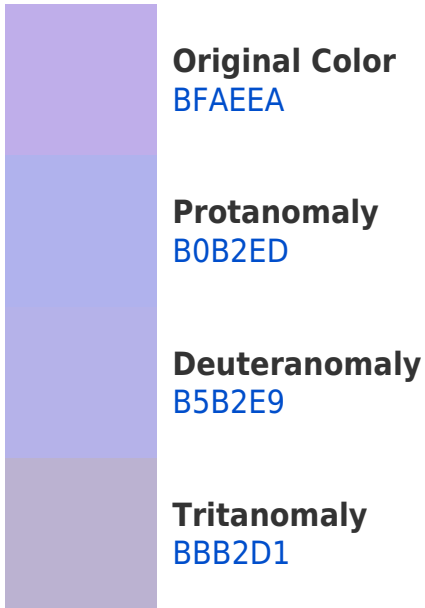
## Dichromacy



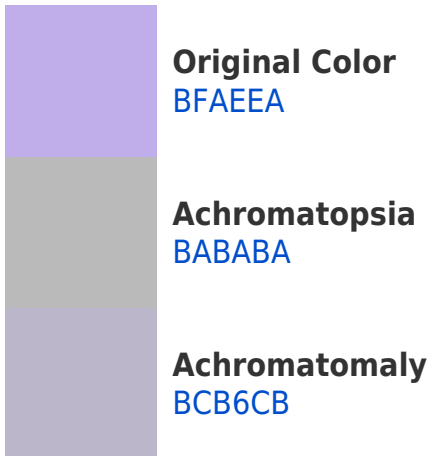


**Tritanopia**  
B8B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BFAEEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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