

# Converting Colors

Hex(BEB9FF)

Have a look what the booklet for  
Hex(BEB9FF) contains.

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# **Color**

**Hex(BEB9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BEB9FF</a>
RGB	190, 185, 255
RGB Percent	75%, 73%, 100%
CMY	0.2549, 0.2745, 0.0000
CMYK	0.25, 0.27, 0.00, 0.00
HSL	244°, 100%, 86%
HSV	244°, 27%, 100%
XYZ	56.6342, 52.8651, 101.8268
YIQ	194.4750, -19.4900, 22.8300

# Conversions

## Conversions Part 2

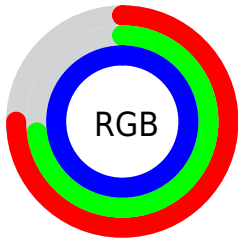
Format	Color
R <sub>Y</sub> B	190, 185, 255
Decimal	12499455
CIE Lab	77.80, 16.45, -33.87
CIE LCh	78, 37.652, 295.911
Yxy	52.8651, 0.2680, 0.2502
Android (android.graphics.Color)	4290689535 (0xFFBEB9FF)
YUV	194.4750, 29.8388, -3.9246
Hunter-Lab	72.7084, 11.7980, -32.1387

# Details

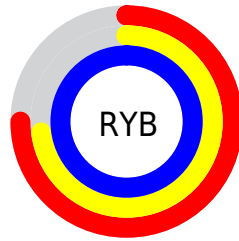
The Hex color **BEB9FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FAFFB9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F7F1FF**, and **8784C6** is the 20% darker color. If you saturate the color by 10%, you get **A6A0FF**, and if you desaturate by 10%, it is **D6D3FF**.

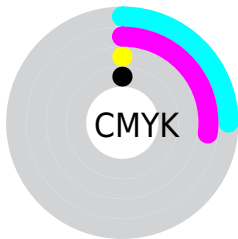
# Distribution



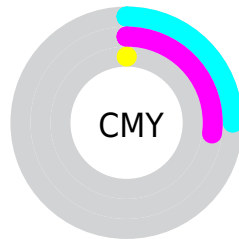
- Red (75%)
- Green (73%)
- Blue (100%)



- Red (75%)
- Yellow (73%)
- Blue (100%)



- Cyan (25%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEB9FF 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 BEB9FF by changing the saturation by 10% instead.



 BEB9FF

 BEB9FF

FFFFFF

 A29EE2

 F7F1FF

 8784C6

 6D6BAB

 535390

 393C76

 1F265D

 001245

 00002E

 000119

 BEB9FF

 BEB9FF

 A6A0FF

 D6D3FF

 8F86FF

 EDECFE

 776CFF

FFFFFF

 5F53FF

 4839FF

 3020FF

 1807FF

 1200FF

# Harmonies

## Analogous

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



88C5FF



BEB9FF



E8ADE8

# Triad

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



BEB9FF



F7B188



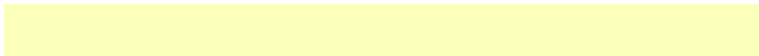
65D3BA

# Complementary

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



BEB9FF



FAFFB9

# 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.



90CF98



BEB9FF



DCBC7A

# Square

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



BEB9FF



FFA8A4



B9C780



43D3DE

# Rectangle

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



BEB9FF



FAA7D2



B9C780



73D2AE



# Sweetspot

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



BEB9FF



ECEBFF



B9FAFF



747380



000000



808080



# Same Dimension

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



BEB9FF



B1ABFF



E1B9FF



747380



0E00BF



050040



# Inverse Universe

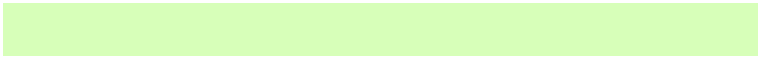
The Inverse Universe completely reimagines the original color for something new.



FFB9FA



FFABF9



D7FFB9



80737F



BF00B2

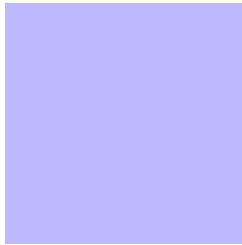


40003B



# Previews

## White Background



This preview shows how the Hex color BEB9FF looks on a white background.

## Color Contrast Check

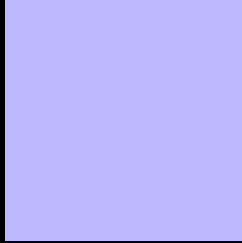
Large Text (above 18pt) WCAG AA × Fail

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 BEB9FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

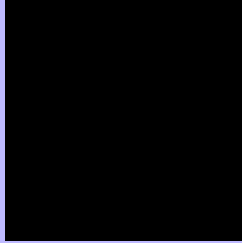
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEB9FF Background



This preview shows how black text looks on a background with the Hex color BEB9FF.

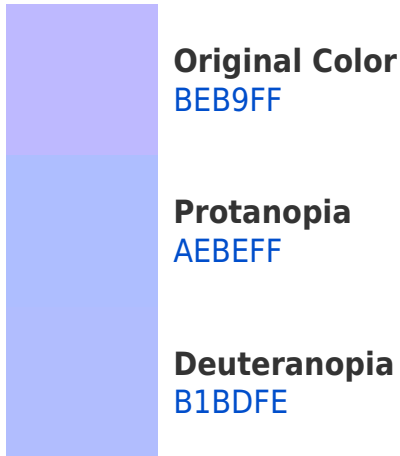


This preview shows how white text looks on a background with the Hex color BEB9FF.

# 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



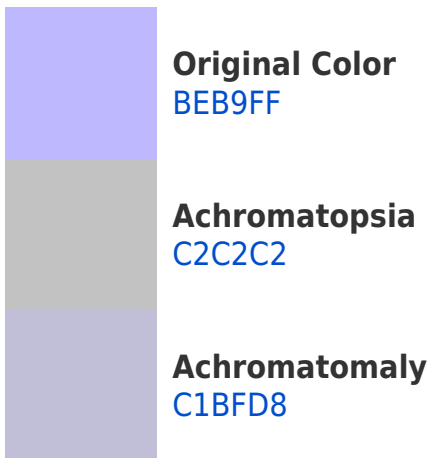


**Tritanopia**  
B5C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEB9FF 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 #BEB9FF looks like.

```
.text, #text, p{  
    color:#BEB9FF  
}
```

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 #BEB9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEB9FF  
}
```

## Border

The CSS property to change the border of an element to Hex BEB9FF 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  
#BEB9FF }
```

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

```
.border{ border-color:#BEB9FF }
```

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

Here you see how a box with a 4 pixel #BEB9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEB9FF; -webkit-box-shadow:4px 4px  
4px 4px #BEB9FF; box-shadow:4px 4px 4px  
4px #BEB9FF }
```

# Background

The CSS property to change the background color of an element to Hex BEB9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEB9FF }
```

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

```
.background{ background-color:#BEB9FF }
```

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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