

# Converting Colors

Hex(BEA9FF)

Have a look what the booklet for  
Hex(BEA9FF) contains.

<b>Hex(BEA9FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BEA9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA9FF
RGB	190, 169, 255
RGB Percent	75%, 66%, 100%
CMY	0.2549, 0.3373, 0.0000
CMYK	0.25, 0.34, 0.00, 0.00
HSL	255°, 100%, 83%
HSV	255°, 34%, 100%
XYZ	53.4732, 46.5431, 100.7731
YIQ	185.0830, -15.0900, 31.1980

# Conversions

## Conversions Part 2

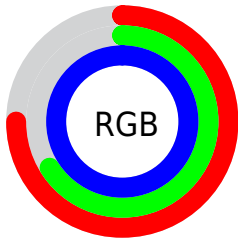
Format	Color
R <sub>Y</sub> B	190, 169, 255
Decimal	12495359
CIE Lab	73.90, 25.28, -39.91
CIE LCh	74, 47.244, 302.350
Yxy	46.5431, 0.2663, 0.2318
Android (android.graphics.Color)	4290685439 (0xFFBEA9FF)
YUV	185.0830, 34.4691, 4.3122
Hunter-Lab	68.2225, 20.5199, -39.8230

# Details

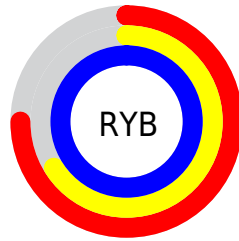
The Hex color **BEA9FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EAFFA9**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F8E0FF**, and **8775C6** is the 20% darker color. If you saturate the color by 10%, you get **AB90FF**, and if you desaturate by 10%, it is **D1C3FF**.

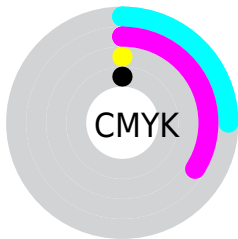
# Distribution



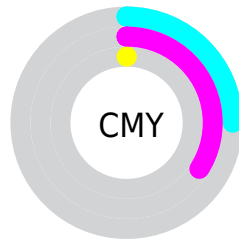
- Red (75%)
- Green (66%)
- Blue (100%)



- Red (75%)
- Yellow (66%)
- Blue (100%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA9FF 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 BEA9FF by changing the saturation by 10% instead.



 BEA9FF

 BEA9FF

FFFFFF

 A28EE2

 F8E0FF

 8775C6

 FFFDFD

 6C5CAA

 524490

 382E76

 1D195C

 000144

 00032D

 000118

 BEA9FF

 BEA9FF

 AB90FF

 D1C3FF

 9776FF

 E5DCFF

 845DFF

 F8F6FF

 7143FF

 FFFFFFFF

 5E2AFF

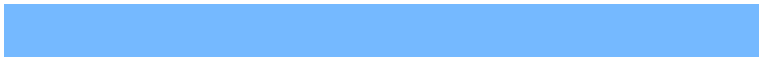
 4A10FF

 3E00FF

# Harmonies

## Analogous

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



75B9FF



BEA9FF



EE9ADF

# Triad

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



BEA9FF



F1A569



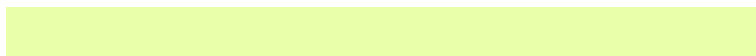
00CCB8

# Complementary

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



BEA9FF



EAFFA9

# 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.



69C98C



BEA9FF



CDB45D

# Square

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



BEA9FF



FF9789



A0C16A



00CBE3

# Rectangle

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



BEA9FF



FF93C3



A0C16A



35CBA9



# Sweetspot

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



BEA9FF



ECE6FF



A9EBFF



747080



000000



808080



# Same Dimension

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



BEA9FF



B299FF



E8A9FF



767380



2F00BF



100040



# Inverse Universe

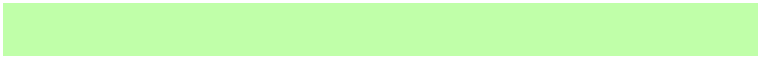
The Inverse Universe completely reimagines the original color for something new.



FFA9EA



FF99E6



C0FFA9



80737C



BF0091

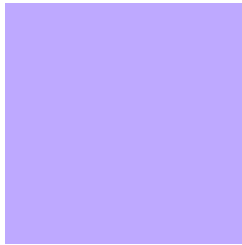


400030



# Previews

## White Background



This preview shows how the Hex color BEA9FF looks on a white background.

## Color Contrast Check

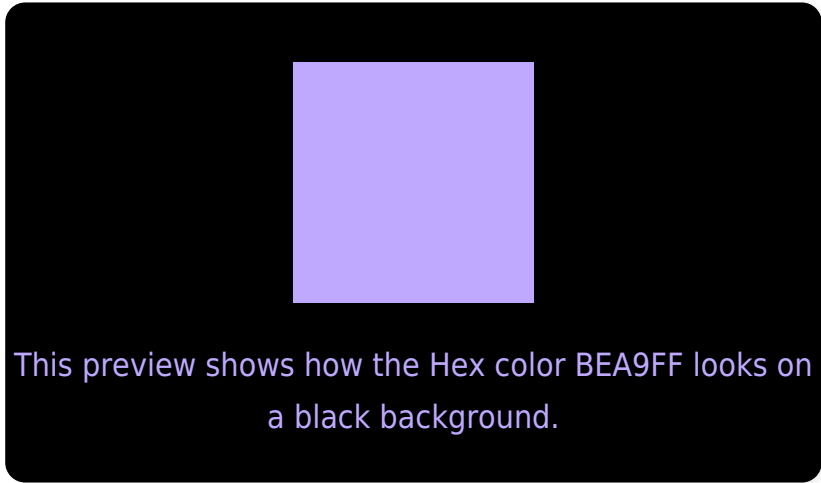
Large Text (above 18pt) WCAG AA × Fail

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 BEA9FF Background



This preview shows how black text looks on a background with the Hex color BEA9FF.



This preview shows how white text looks on a background with the Hex color BEA9FF.

# 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](#).

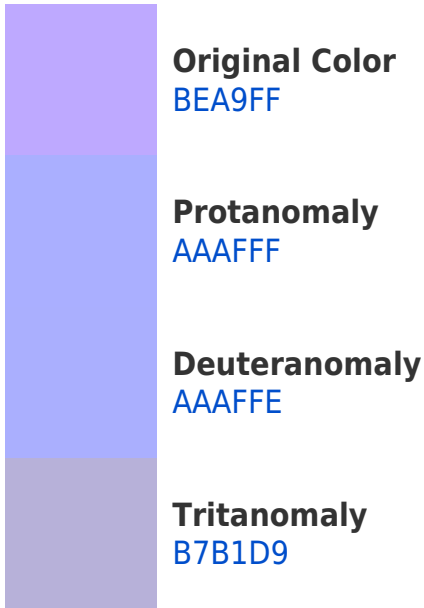
## Dichromacy



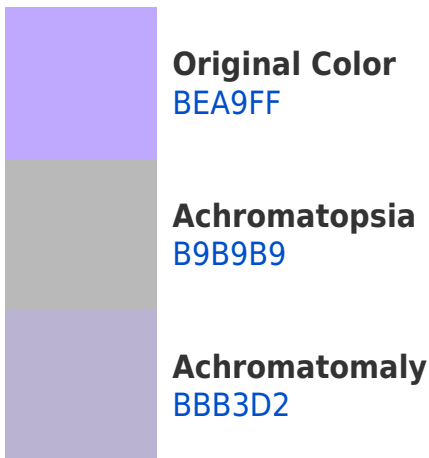


**Tritanopia**  
B3B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA9FF 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 #BEA9FF looks like.

```
.text, #text, p{  
    color:#BEA9FF  
}
```

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 #BEA9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA9FF
}
```

## Border

The CSS property to change the border of an element to Hex BEA9FF 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
#BEA9FF }
```

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

```
.border{ border-color:#BEA9FF }
```

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

Here you see how a box with a 4 pixel #BEA9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA9FF; -webkit-box-shadow:4px 4px  
4px 4px #BEA9FF; box-shadow:4px 4px 4px  
4px #BEA9FF }
```

# Background

The CSS property to change the background color of an element to Hex BEA9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA9FF }
```

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

```
.background{ background-color:#BEA9FF }
```

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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