

# Converting Colors

Hex(BA9DEB)

Have a look what the booklet for  
Hex(BA9DEB) contains.

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# **Color**

**Hex(BA9DEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA9DEB
RGB	186, 157, 235
RGB Percent	73%, 62%, 92%
CMY	0.2706, 0.3843, 0.0784
CMYK	0.21, 0.33, 0.00, 0.08
HSL	262°, 66%, 77%
HSV	262°, 33%, 92%
XYZ	47.3021, 40.5512, 83.9313
YIQ	174.5630, -7.7540, 30.4060

# Conversions

## Conversions Part 2

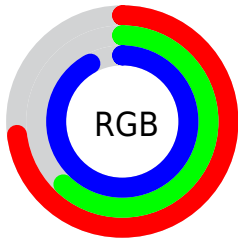
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 157, 235
Decimal	12230123
CIELab	69.86, 26.15, -35.34
CIElCh	70, 43.964, 306.491
Yxy	40.5512, 0.2754, 0.2361
Android (android.graphics.Color)	4290420203 (0xFFBA9DEB)
YUV	174.5630, 29.7954, 10.0302
Hunter-Lab	63.6798, 21.1520, -33.5696

# Details

The Hex color **BA9DEB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CEEB9D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F3D4FF**, and **8469B3** is the 20% darker color. If you saturate the color by 10%, you get **AB86EB**, and if you desaturate by 10%, it is **C9B5EB**.

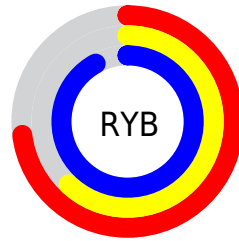
# Distribution



Red (73%)

Green (62%)

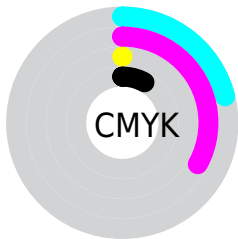
Blue (92%)



Red (73%)

Yellow (62%)

Blue (92%)

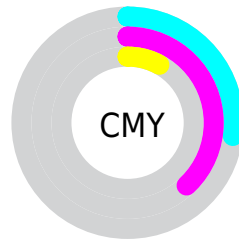


Cyan (21%)

Magenta (33%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (38%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA9DEB 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 BA9DEB by changing the saturation by 10% instead.



 BA9DEB

 BA9DEB

FFFFFF

 9E83CF

 F3D4FF

 8469B3

 FFF0FF

 695198

 503A7E

 372364

 1D0E4C

 0B0035

 00021F

 000002

 BA9DEB

 BA9DEB

 AB86EB

 C9B5EB

 9C6EEB

 D8CCEB

 8E57EB

 E6E4EB

 7F3FEB

 F5FBEB

 7028EB

 FFFFEB

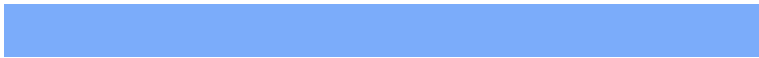
 6110EB

 5700EB

# Harmonies

## Analogous

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



7BACFA



BA9DEB



E390CB

# Triad

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



BA9DEB



DE9D62



00C0B2

# Complementary

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



BA9DEB



CEEB9D

# 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.



5DBD8A



BA9DEB



BBAB5A

# Square

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



BA9DEB



F3907D



91B669



00BED9

# Rectangle

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



BA9DEB



F38BB1



91B669



2ABFA4



# Sweetspot

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



BA9DEB



EFE6FF



9DCEEB



767080



000000



808080



# Same Dimension

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



BA9DEB



BF99FF



E19DEB



6E6A75



4300B5



140036



# Inverse Universe

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



EB9DCE



FF99D9



A7EB9D



756A71



B50072

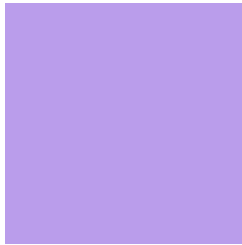


360022



# Previews

## White Background



This preview shows how the Hex color BA9DEB looks on a white background.

## Color Contrast Check

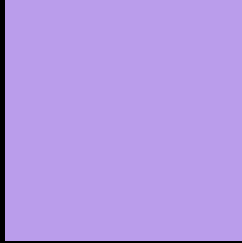
Large Text (above 18pt) WCAG AA × Fail

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 BA9DEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

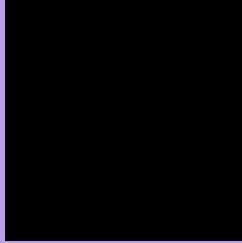
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BA9DEB Background



This preview shows how black text looks on a background with the Hex color BA9DEB.

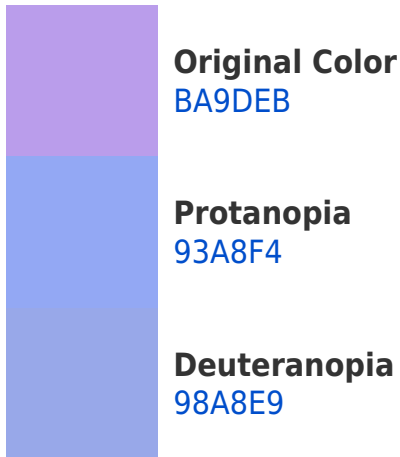


This preview shows how white text looks on a background with the Hex color BA9DEB.

# 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**  
B0A8B5

# Trichromacy



**Original Color**  
BA9DEB



**Protanomaly**  
A1A4F1



**Deuteranomaly**  
A4A4EA



**Tritanomaly**  
B4A4C9

# Monochromacy



**Original Color**  
BA9DEB



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
B3A8C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA9DEB 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 #BA9DEB looks like.

```
.text, #text, p{  
    color:#BA9DEB  
}
```

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 #BA9DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA9DEB
}
```

## Border

The CSS property to change the border of an element to Hex BA9DEB 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
#BA9DEB }
```

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

```
.border{ border-color:#BA9DEB }
```

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

Here you see how a box with a 4 pixel #BA9DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA9DEB; -webkit-box-shadow:4px 4px  
4px 4px #BA9DEB; box-shadow:4px 4px 4px  
4px #BA9DEB }
```

# Background

The CSS property to change the background color of an element to Hex BA9DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA9DEB }
```

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

```
.background{ background-color:#BA9DEB }
```

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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