

# Converting Colors

Hex(BA9EEA)

Have a look what the booklet for  
Hex(BA9EEA) contains.

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# Color

Hex(**BA9EEA**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BA9EEA
RGB	186, 158, 234
RGB Percent	73%, 62%, 92%
CMY	0.2706, 0.3804, 0.0824
CMYK	0.21, 0.32, 0.00, 0.08
HSL	262°, 64%, 77%
HSV	262°, 32%, 92%
XYZ	47.3278, 40.8333, 83.2291
YIQ	175.0360, -7.7080, 29.5720

# Conversions

## Conversions Part 2

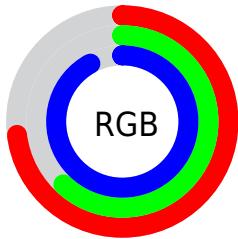
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 158, 234
Decimal	12230378
CIE <sub>Lab</sub>	70.06, 25.36, -34.49
CIE <sub>LCh</sub>	70, 42.810, 306.328
Yxy	40.8333, 0.2761, 0.2382
Android (android.graphics.Color)	4290420458 (0xFFBA9EEA)
YUV	175.0360, 29.0693, 9.6154
Hunter-Lab	63.9010, 20.3782, -32.4928

# Details

The Hex color **BA9EEA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CEEA9E**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F3D5FF**, and **846AB2** is the 20% darker color. If you saturate the color by 10%, you get **AB87EA**, and if you desaturate by 10%, it is **C9B5EA**.

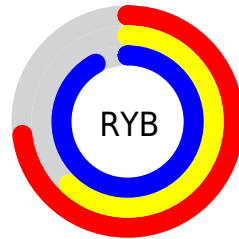
# Distribution



Red (73%)

Green (62%)

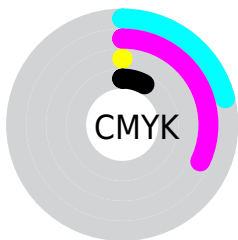
Blue (92%)



Red (73%)

Yellow (62%)

Blue (92%)

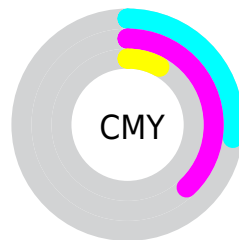


Cyan (21%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (38%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA9EEA 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 BA9EEA by changing the saturation by 10% instead.



 BA9EEA

 BA9EEA

FFFFFF

 9E84CE

 F3D5FF

 846AB2

 FFF1FF

 695297

 503B7D

 372464

 1E0F4B

 0D0034

 00021E

 000000

 BA9EEA

 BA9EEA

 AB87EA

 C9B5EA

 9C6FEA

 D8CDEA

 8E58EA


 E6E4EA

 7F40EA

 F5FCEA

 7029EA

 FFFFEA

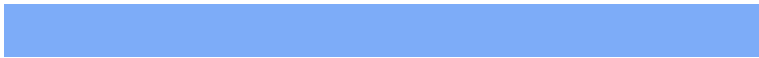
 6112EA

 5600EA

# Harmonies

## Analogous

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



7DACF8



BA9EEA



E391CB

# Triad

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



BA9EEA



DD9E64



05C0B2

# Complementary

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



BA9EEA



CEEA9E

# 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.



61BD8B



BA9EEA



BCAC5C

# Square

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



BA9EEA



F2927F



92B66B



00BED8

# Rectangle

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



BA9EEA



F18CB2



92B66B



34BFA5



# Sweetspot

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



BA9EEA



EFE6FF



9ECEEA



767080



000000



808080



# Same Dimension

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



BA9EEA



C09CFF



E09EEA



6E6A75



4300B5



140036



# Inverse Universe

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



EA9ECE



FF9CDA



A8EA9E



756A71



B50072

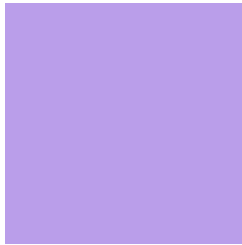


360022



# Previews

## White Background



This preview shows how the Hex color BA9EEA looks on a white background.

## Color Contrast Check

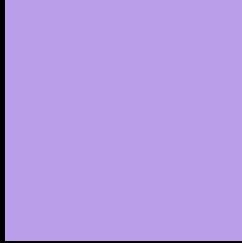
Large Text (above 18pt) WCAG AA × Fail

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 BA9EEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

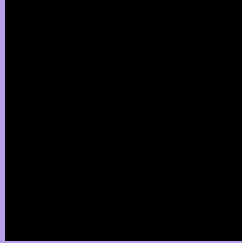
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BA9EEA Background



This preview shows how black text looks on a background with the Hex color BA9EEA.



This preview shows how white text looks on a background with the Hex color BA9EEA.

# 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**  
B1A8B6

# Trichromacy



**Original Color**  
BA9EEA



**Protanomaly**  
A2A5EF



**Deuteranomaly**  
A6A5E9



**Tritanomaly**  
B4A4C9

# Monochromacy



**Original Color**  
BA9EEA



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
B3A9C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA9EEA 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 #BA9EEA looks like.

```
.text, #text, p{  
    color:#BA9EEA  
}
```

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 #BA9EEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA9EEA
}
```

## Border

The CSS property to change the border of an element to Hex BA9EEA 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
#BA9EEA }
```

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

```
.border{ border-color:#BA9EEA }
```

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

Here you see how a box with a 4 pixel #BA9EEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA9EEA; -webkit-box-shadow:4px 4px  
4px 4px #BA9EEA; box-shadow:4px 4px 4px  
4px #BA9EEA }
```

# Background

The CSS property to change the background color of an element to Hex BA9EEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA9EEA }
```

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

```
.background{ background-color:#BA9EEA }
```

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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