

# Converting Colors

Hex(BAA3F3)

Have a look what the booklet for  
Hex(BAA3F3) contains.

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# Color

Hex(**BAA3F3**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BAA3F3
RGB	186, 163, 243
RGB Percent	73%, 64%, 95%
CMY	0.2706, 0.3608, 0.0471
CMYK	0.23, 0.33, 0.00, 0.05
HSL	257°, 77%, 80%
HSV	257°, 33%, 95%
XYZ	49.5246, 43.1046, 90.5038
YIQ	178.9970, -11.9720, 29.7560

# Conversions

## Conversions Part 2

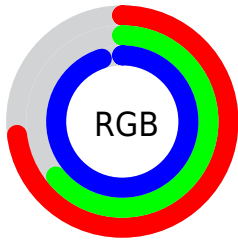
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 163, 243</a>
Decimal	<a href="#">12231667</a>
CIELab	<a href="#">71.63, 24.65, -36.97</a>
CIELCh	<a href="#">72, 44.430, 303.691</a>
Yxy	<a href="#">43.1046, 0.2704, 0.2354</a>
Android (android.graphics.Color)	<a href="#">4290421747</a> ( <a href="#">0xFFBAA3F3</a> )
YUV	<a href="#">178.9970, 31.5535, 6.1416</a>
Hunter-Lab	<a href="#">65.6541, 19.7526, -35.7731</a>

# Details

The Hex color **BAA3F3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCF3A3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F3DAFF**, and **836FBA** is the 20% darker color. If you saturate the color by 10%, you get **A98BF3**, and if you desaturate by 10%, it is **CBBBBF3**.

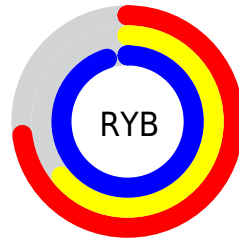
# Distribution



Red (73%)

Green (64%)

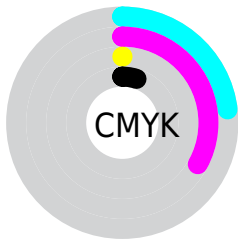
Blue (95%)



Red (73%)

Yellow (64%)

Blue (95%)

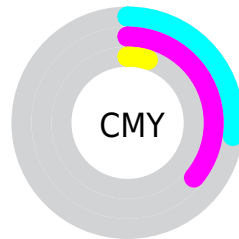


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (36%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAA3F3 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 BAA3F3 by changing the saturation by 10% instead.



 BAA3F3

 BAA3F3

FFFFFF

 9E89D6

 F3DAFF

 836FBA

 FFF7FF

 69579F

 4F3F85

 36296B

 1C1453

 05003B

 000225

 00010D

 BAA3F3

 BAA3F3

 A98BF3

 CBBBF3

 9772F3

 DDD4F3

 865AF3

 EEECF3

 7542F3

 FFFFF3

 632AF3

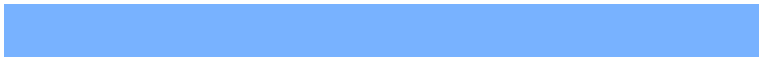
 5211F3

 4600F3

# Harmonies

## Analogous

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



78B2FF



BAA3F3



E695D4

# Triad

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



BAA3F3



E6A167



09C5B3

# Complementary

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



BAA3F3



DCF3A3

# 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.



66C28A



BAA3F3



C4AF5D

# Square

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



BAA3F3



FA9485



9ABA6A



00C3DB

# Rectangle

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



BAA3F3



F790BA



9ABA6A



38C4A5



# Sweetspot

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



BAA3F3



EDE6FF



A3DCF3



757080



000000



808080



# Same Dimension

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



BAA3F3



B699FF



E2A3F3



726E7A



3600BA



11003B



# Inverse Universe

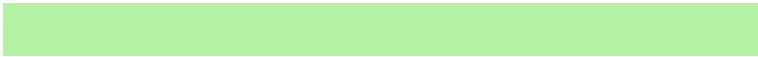
The Inverse Universe completely reimagines the original color for something new.



F3A3DC



FF99E2



B4F3A3



7A6E77



BA0085

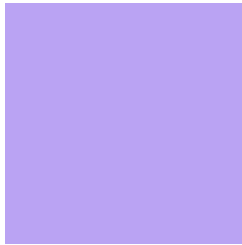


3B002A



# Previews

## White Background



This preview shows how the Hex color BAA3F3 looks on a white background.

## Color Contrast Check

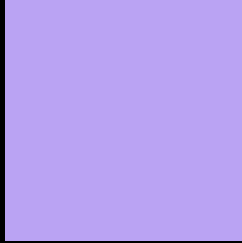
Large Text (above 18pt) WCAG AA × Fail

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 BAA3F3 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 BAA3F3 Background



This preview shows how black text looks on a background with the Hex color BAA3F3.

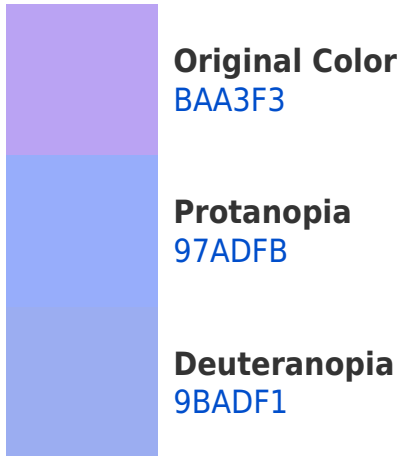


This preview shows how white text looks on a background with the Hex color BAA3F3.

# Color Blindness Simulation

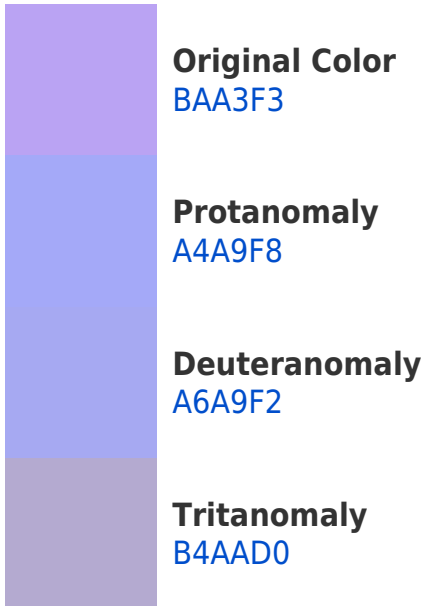
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

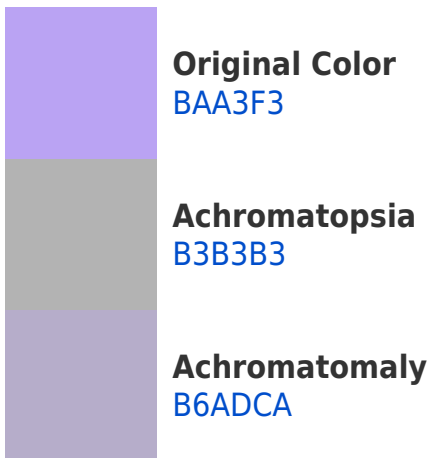




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAA3F3 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 #BAA3F3 looks like.

```
.text, #text, p{  
    color:#BAA3F3  
}
```

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 #BAA3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAA3F3  
}
```

## Border

The CSS property to change the border of an element to Hex BAA3F3 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  
#BAA3F3 }
```

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

```
.border{ border-color:#BAA3F3 }
```

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

Here you see how a box with a 4 pixel #BAA3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAA3F3; -webkit-box-shadow:4px 4px  
4px 4px #BAA3F3; box-shadow:4px 4px 4px  
4px #BAA3F3 }
```

# Background

The CSS property to change the background color of an element to Hex BAA3F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAA3F3 }
```

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

```
.background{ background-color:#BAA3F3 }
```

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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