

# Converting Colors

Hex(BAA3DB)

Have a look what the booklet for  
Hex(BAA3DB) contains.

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# **Color**

**Hex(BAA3DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAA3DB
RGB	186, 163, 219
RGB Percent	73%, 64%, 86%
CMY	0.2706, 0.3608, 0.1412
CMYK	0.15, 0.26, 0.00, 0.14
HSL	265°, 44%, 75%
HSV	265°, 26%, 86%
XYZ	46.1331, 41.7480, 72.6445
YIQ	176.2610, -4.2680, 22.2920

# Conversions

## Conversions Part 2

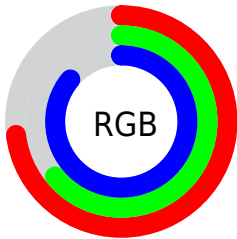
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 163, 219</a>
Decimal	<a href="#">12231643</a>
CIELab	<a href="#">70.70, 19.25, -25.28</a>
CIELCh	<a href="#">71, 31.777, 307.282</a>
Yxy	<a href="#">41.7480, 0.2874, 0.2601</a>
Android (android.graphics.Color)	<a href="#">4290421723 (0xFFBAA3DB)</a>
YUV	<a href="#">176.2610, 21.0703, 8.5411</a>
Hunter-Lab	<a href="#">64.6127, 14.3758, -21.4313</a>

# Details

The Hex color **BAA3DB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4DBA3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F3DAFF**, and **846FA4** is the 20% darker color. If you saturate the color by 10%, you get **AD8DDB**, and if you desaturate by 10%, it is **C7B9DB**.

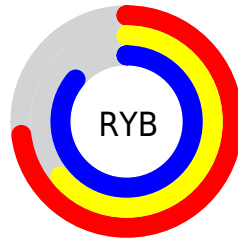
# Distribution



Red (73%)

Green (64%)

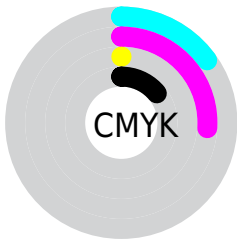
Blue (86%)



Red (73%)

Yellow (64%)

Blue (86%)

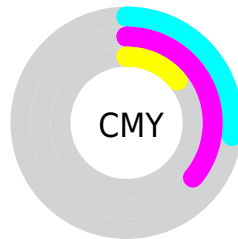


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (27%)

Magenta (36%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAA3DB 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 BAA3DB by changing the saturation by 10% instead.



 BAA3DB

 BAA3DB

FFFFFF

 9F89BF

 F3DAFF

 846FA4

 FFF7FF

 6B5789

 523F70

 3A2957

 221440

 11002A

 000114

 000000

 BAA3DB

 BAA3DB

 AD8DDB

 C7B9DB

 A077DB

 D4CFDB

 9361DB

 E1E5DB

 864BDB

 EEFBDB

 7936DB

 FBFFDB

 6D20DB

 FFFFDB

 600ADB

 5A00DB

# Harmonies

## Analogous

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



91ADE6



BAA3DB



D89AC4

# Triad

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



BAA3DB



D4A478



59BDB3

# Complementary

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



BAA3DB



C4DBA3

# 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.



78BB96



BAA3DB



BAAD73

# Square

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



BAA3DB



E49B8B



9BB67E



4DBBCF

# Rectangle

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



BAA3DB



E397B1



9BB67E



63BDA9



# Sweetspot

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



BAA3DB



F3EBFF



A3C5DB



787380



000000



808080



# Same Dimension

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



BAA3DB



D0B0FF



D5A3DB



67636E



4700AD



13002E



# Inverse Universe

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



DBA3C4



FFB0DF



A9DBA3



6E6369



AD0066

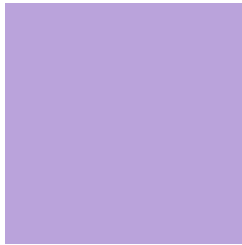


2E001B



# Previews

## White Background



This preview shows how the Hex color BAA3DB looks on a white background.

## Color Contrast Check

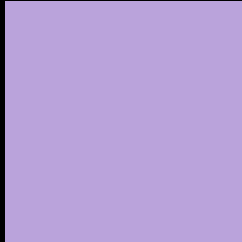
Large Text (above 18pt) WCAG AA × Fail

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 BAA3DB 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 BAA3DB Background



This preview shows how black text looks on a background with the Hex color BAA3DB.



This preview shows how white text looks on a background with the Hex color BAA3DB.

# 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



**Original Color**  
BAA3DB

**Protanopia**  
9FABE1

**Deuteranopia**  
A7AADA



**Tritanopia**  
B4AAB7

# Trichromacy



**Original Color**  
BAA3DB

**Protanomaly**  
A9A8DF

**Deuteranomaly**  
AEA7DA

**Tritanomaly**  
B6A7C4

# Monochromacy



**Original Color**  
BAA3DB

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B4ABC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAA3DB 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 #BAA3DB looks like.

```
.text, #text, p{  
    color:#BAA3DB  
}
```

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 #BAA3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAA3DB
}
```

## Border

The CSS property to change the border of an element to Hex BAA3DB 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
#BAA3DB }
```

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

```
.border{ border-color:#BAA3DB }
```

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

Here you see how a box with a 4 pixel #BAA3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAA3DB; -webkit-box-shadow:4px 4px  
4px 4px #BAA3DB; box-shadow:4px 4px 4px  
4px #BAA3DB }
```

# Background

The CSS property to change the background color of an element to Hex BAA3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAA3DB }
```

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

```
.background{ background-color:#BAA3DB }
```

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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