

# Converting Colors

Hex(BAB4DB)

Have a look what the booklet for  
Hex(BAB4DB) contains.

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# **Color**

**Hex(BAB4DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAB4DB
RGB	186, 180, 219
RGB Percent	73%, 71%, 86%
CMY	0.2706, 0.2941, 0.1412
CMYK	0.15, 0.18, 0.00, 0.14
HSL	249°, 35%, 78%
HSV	249°, 18%, 86%
XYZ	49.3571, 48.1961, 73.7192
YIQ	186.2400, -8.9430, 13.4010

# Conversions

## Conversions Part 2

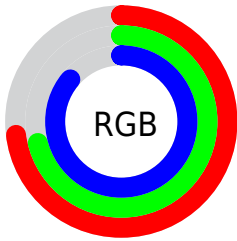
Format	Color
<a href="#">RYB</a>	<a href="#">186, 180, 219</a>
Decimal	<a href="#">12235995</a>
CIELab	<a href="#">74.95, 9.87, -18.81</a>
CIELCh	<a href="#">75, 21.243, 297.688</a>
Yxy	<a href="#">48.1961, 0.2882, 0.2814</a>
Android (android.graphics.Color)	<a href="#">4290426075</a> ( <a href="#">0xFFBAB4DB</a> )
YUV	<a href="#">186.2400, 16.1507, -0.2105</a>
Hunter-Lab	<a href="#">69.4234, 5.4151, -14.3624</a>

# Details

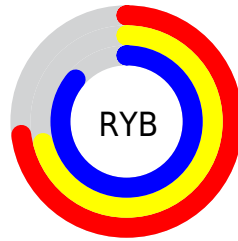
The Hex color **BAB4DB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D5DBB4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F2ECFF**, and **857FA4** is the 20% darker color. If you saturate the color by 10%, you get **A79EDB**, and if you desaturate by 10%, it is **CDCADB**.

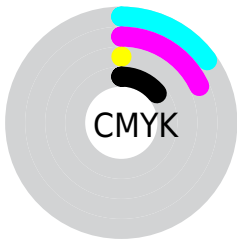
# Distribution



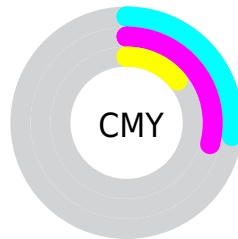
- Red (73%)
- Green (71%)
- Blue (86%)



- Red (73%)
- Yellow (71%)
- Blue (86%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (29%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAB4DB 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 BAB4DB by changing the saturation by 10% instead.



 BAB4DB

 BAB4DB

FFFFFF

 9F99BF

 F2ECFF

 857FA4

 6B668A

 524E70

 3B3758

 242240

 100C2A

 000115

 000000

 BAB4DB

 BAB4DB

 A79EDB

 CDCADB

 9588DB

 DFE0DB

 8272DB

 F2F6DB

 705CDB

 FFFFDB

 5D47DB

 4B31DB

 381BDB

 2605DB

 2200DB

# Harmonies

## Analogous

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



A0BBDF



BAB4DB



D1AECE

# Triad

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



BAB4DB



D9B098



8BC4B6

# Complementary

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



BAB4DB



D5DBB4

# 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.



9EC1A3



BAB4DB



C9B792

# Square

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



BAB4DB



E1ACA7



B4BD96



83C3CA

# Rectangle

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



BAB4DB



DBABC1



B4BD96



90C3AF



# Sweetspot

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



BAB4DB



F4F2FF



B4D5DB



797880



000000



808080



# Same Dimension

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



BAB4DB



D2C9FF



CDB4DB



64636E



1B00AD



07002E



# Inverse Universe

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



DBB4D5



FFC9F7



C2DBB4



6E636C



AD0093

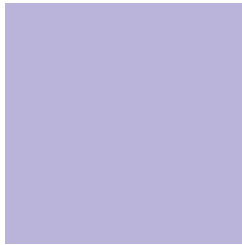


2E0027



# Previews

## White Background



This preview shows how the Hex color BAB4DB looks on a white background.

## Color Contrast Check

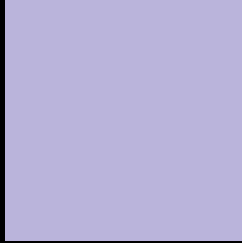
Large Text (above 18pt) WCAG AA × Fail

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 BAB4DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

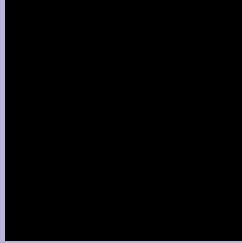
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BAB4DB Background



This preview shows how black text looks on a background with the Hex color BAB4DB.



This preview shows how white text looks on a background with the Hex color BAB4DB.

# 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**  
BAB4DB

**Protanopia**  
B0B7DD

**Deuteranopia**  
B9B4DB



**Tritanopia**  
B6B8C6

# Trichromacy



**Original Color**  
BAB4DB

**Protanomaly**  
B4B6DC

**Deuteranomaly**  
B9B4DB

**Tritanomaly**  
B7B7CE

# Monochromacy



**Original Color**  
BAB4DB

**Achromatopsia**  
BABABA

**Achromatomaly**  
BAB8C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAB4DB 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 #BAB4DB looks like.

```
.text, #text, p{  
    color:#BAB4DB  
}
```

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 #BAB4DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAB4DB
}
```

## Border

The CSS property to change the border of an element to Hex BAB4DB 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
#BAB4DB }
```

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

```
.border{ border-color:#BAB4DB }
```

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

Here you see how a box with a 4 pixel #BAB4DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAB4DB; -webkit-box-shadow:4px 4px  
4px 4px #BAB4DB; box-shadow:4px 4px 4px  
4px #BAB4DB }
```

# Background

The CSS property to change the background color of an element to Hex BAB4DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAB4DB }
```

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

```
.background{ background-color:#BAB4DB }
```

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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