

# Converting Colors

Hex(BAB5E6)

Have a look what the booklet for  
Hex(BAB5E6) contains.

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# **Color**

**Hex(BAB5E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAB5E6
RGB	186, 181, 230
RGB Percent	73%, 71%, 90%
CMY	0.2706, 0.2902, 0.0980
CMYK	0.19, 0.21, 0.00, 0.10
HSL	246°, 49%, 81%
HSV	246°, 21%, 90%
XYZ	51.0565, 49.2000, 81.6685
YIQ	188.0810, -12.7490, 16.2990

# Conversions

## Conversions Part 2

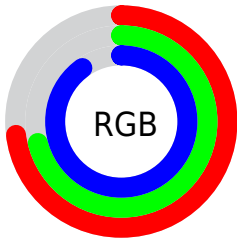
Format	Color
R <sub>Y</sub> B	186, 181, 230
Decimal	12236262
CIE <sub>Lab</sub>	75.58, 11.73, -23.83
CIE <sub>LCh</sub>	76, 26.558, 296.206
Yxy	49.2000, 0.2806, 0.2704
Android (android.graphics.Color)	4290426342 (0xFFBAB5E6)
YUV	188.0810, 20.6661, -1.8250
Hunter-Lab	70.1427, 7.1794, -19.9326

# Details

The Hex color **BAB5E6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E1E6B5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F3EDFF**, and **8480AE** is the 20% darker color. If you saturate the color by 10%, you get **A59EE6**, and if you desaturate by 10%, it is **CFCCE6**.

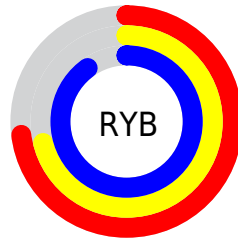
# Distribution



Red (73%)

Green (71%)

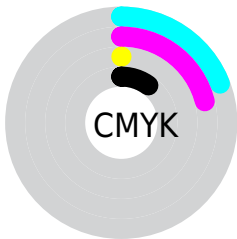
Blue (90%)



Red (73%)

Yellow (71%)

Blue (90%)

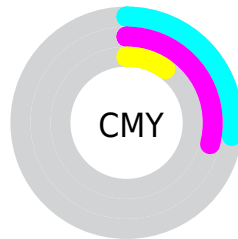


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (10%)



Cyan (27%)

Magenta (29%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAB5E6 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 BAB5E6 by changing the saturation by 10% instead.



 BAB5E6

 BAB5E6

FFFFFF

 9F9ACA

 F3EDFF

 8480AE

 6A6794

 524F7A

 3A3861

 222349

 0B0E32

 00021D

 000000

 BAB5E6

 BAB5E6

 A59EE6

 CFCCE6

 9187E6

 E3E3E6

 7C70E6

 F8FAE6

 6759E6

 FFFFE6

 5342E6

 3E2BE6

 2914E6

 1700E6

# Harmonies

## Analogous

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



98BDEB



BAB5E6



D7ADD6

# Triad

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



BAB5E6



E3AF92



80C8B6

# Complementary

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



BAB5E6



E1E6B5

# 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.



99C59E



BAB5E6



CFB88A

# Square

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



BAB5E6



ECAA6



B5BF8E



72C8CF

# Rectangle

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



BAB5E6



E4AAC7



B5BF8E



88C7AE



# Sweetspot

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



BAB5E6



F1F0FF



B5E1E6



777780



000000



808080



# Same Dimension

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



BAB5E6



C3BDFF



D2B5E6



686773



1200B3



050033



# Inverse Universe

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



E6B5E1



FFBDF8



C9E6B5



736772



B300A0

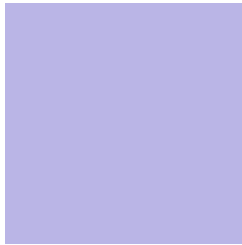


33002E



# Previews

## White Background



This preview shows how the Hex color BAB5E6 looks on a white background.

## Color Contrast Check

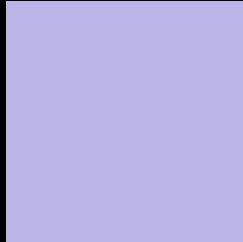
Large Text (above 18pt) WCAG AA × Fail

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 BAB5E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

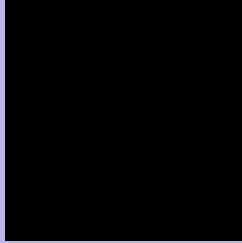
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BAB5E6 Background



This preview shows how black text looks on a background with the Hex color BAB5E6.



This preview shows how white text looks on a background with the Hex color BAB5E6.

# 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](#).

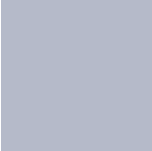
## Dichromacy



**Original Color**  
BAB5E6

**Protanopia**  
AFB8E8

**Deuteranopia**  
B6B6E6



**Tritanopia**  
B5BAC9

# Trichromacy



**Original Color**  
BAB5E6

**Protanomaly**  
B3B7E7

**Deuteranomaly**  
B7B6E6

**Tritanomaly**  
B7B8D4

# Monochromacy



**Original Color**  
BAB5E6

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
BBB9CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAB5E6 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 #BAB5E6 looks like.

```
.text, #text, p{  
    color:#BAB5E6  
}
```

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 #BAB5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAB5E6
}
```

## Border

The CSS property to change the border of an element to Hex BAB5E6 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
#BAB5E6 }
```

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

```
.border{ border-color:#BAB5E6 }
```

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

Here you see how a box with a 4 pixel #BAB5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAB5E6; -webkit-box-shadow:4px 4px  
4px 4px #BAB5E6; box-shadow:4px 4px 4px  
4px #BAB5E6 }
```

# Background

The CSS property to change the background color of an element to Hex BAB5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAB5E6 }
```

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

```
.background{ background-color:#BAB5E6 }
```

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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