

# Converting Colors

Hex(B6AECE)

Have a look what the booklet for  
Hex(B6AECE) contains.

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# **Color**

**Hex(B6AECE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6AECE
RGB	182, 174, 206
RGB Percent	71%, 68%, 81%
CMY	0.2863, 0.3176, 0.1922
CMYK	0.12, 0.16, 0.00, 0.19
HSL	255°, 25%, 75%
HSV	255°, 16%, 81%
XYZ	45.5680, 44.6734, 64.6137
YIQ	180.0400, -5.5040, 11.6480

# Conversions

## Conversions Part 2

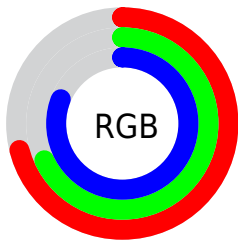
Format	Color
R <sub>Y</sub> B	182, 174, 206
Decimal	11972302
CIE Lab	72.68, 9.11, -15.18
CIE LCh	73, 17.699, 300.960
Yxy	44.6734, 0.2943, 0.2885
Android (android.graphics.Color)	4290162382 (0xFFB6AECE)
YUV	180.0400, 12.7983, 1.7189
Hunter-Lab	66.8382, 4.7285, -10.5300

# Details

The Hex color **B6AECE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6CEAE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EEE5FF**, and **817A98** is the 20% darker color. If you saturate the color by 10%, you get **A799CE**, and if you desaturate by 10%, it is **C5C3CE**.

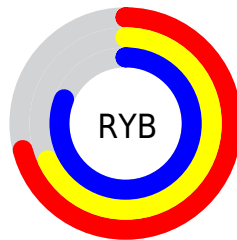
# Distribution



Red (71%)

Green (68%)

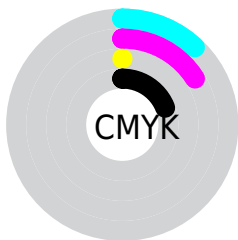
Blue (81%)



Red (71%)

Yellow (68%)

Blue (81%)

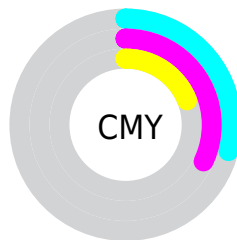


Cyan (12%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (29%)

Magenta (32%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6AECE 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 B6AECE by changing the saturation by 10% instead.




 B6AECE

 B6AECE

FFFFFF

 9B93B2

 EEE5FF

 817A98

 68617E

 4F4965

 38334D

 221E36

 0E0421

 000006

 000000

 B6AECE

 B6AECE

 A799CE

 C5C3CE

 9785CE

 D5D7CE

 8870CE

 E4ECCE

 785CCE

 F4FFCE

 6947CE

 FFFFCE

 5932CE

 4A1ECE

 3A09CE

 3400CE

# Harmonies

## Analogous

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



A1B4D2



B6AECE



C8A9C2

# Triad

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



B6AECE



CDAC97



8CBCB2

# Complementary

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



B6AECE



C6CEAE

# 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.



9ABAA2



B6AECE



BFB192

# Square

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



B6AECE



D4A8A2



ADB696



87BBC2

# Rectangle

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



B6AECE



D0A7B8



ADB696



90BBAD



# Sweetspot

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



B6AECE



F5F2FF



AEC6CE



7A7880



000000



808080



# Same Dimension

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



B6AECE



DBCFFF



C6AECE



5E5C66



2900A6



0A0026



# Inverse Universe

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



CEAEC6



FFCFF3



B6CEAE



665C63



A6007C

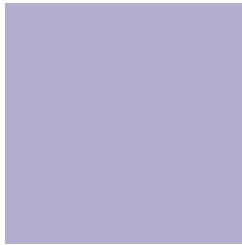


26001D



# Previews

## White Background



This preview shows how the Hex color B6AECE looks on a white background.

## Color Contrast Check

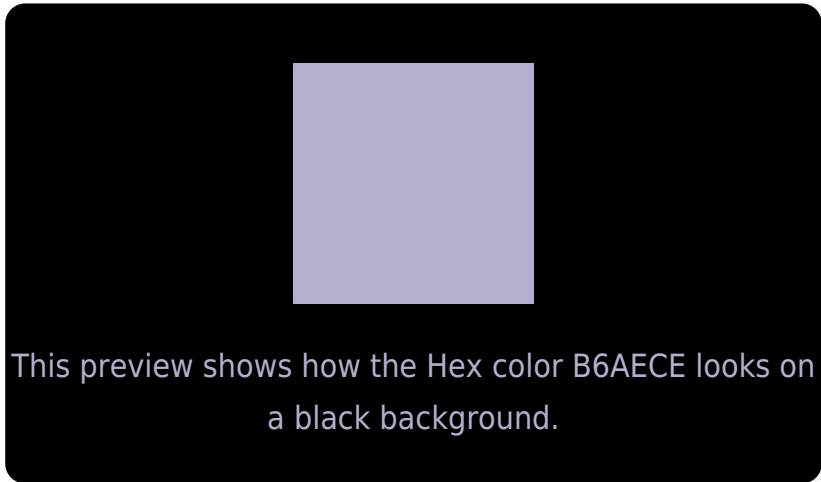
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

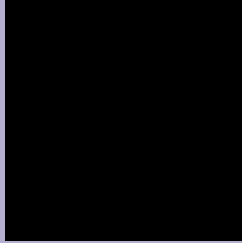
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6AECE Background



This preview shows how black text looks on a background with the Hex color B6AECE.



This preview shows how white text looks on a background with the Hex color B6AECE.

# 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**  
B6AECE

**Protanopia**  
ACB1D0

**Deuteranopia**  
B6AECE



**Tritanopia**  
B3B1BF

# Trichromacy



**Original Color**  
B6AECE

**Protanomaly**  
B0B0CF

**Deuteranomaly**  
B6AECE

**Tritanomaly**  
B4B0C4

# Monochromacy



**Original Color**  
B6AECE

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
B5B2BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6AECE 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 #B6AECE looks like.

```
.text, #text, p{  
    color:#B6AECE  
}
```

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 #B6AECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6AECE
}
```

## Border

The CSS property to change the border of an element to Hex B6AECE 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
#B6AECE }
```

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

```
.border{ border-color:#B6AECE }
```

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

Here you see how a box with a 4 pixel #B6AECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6AECE; -webkit-box-shadow:4px 4px  
4px 4px #B6AECE; box-shadow:4px 4px 4px  
4px #B6AECE }
```

# Background

The CSS property to change the background color of an element to Hex B6AECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6AECE }
```

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

```
.background{ background-color:#B6AECE }
```

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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