

Converting Colors

Hex(B5AAEC)

Have a look what the booklet for
Hex(B5AAEC) contains.

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Color

Hex(**B5AAEC**)

Conversions

Conversions Part 1

Format	Color
Hex	B5AAEC
RGB	181, 170, 236
RGB Percent	71%, 67%, 93%
CMY	0.2902, 0.3333, 0.0745
CMYK	0.23, 0.28, 0.00, 0.07
HSL	250°, 63%, 80%
HSV	250°, 28%, 93%
XYZ	48.5711, 44.6293, 85.4112
YIQ	180.8130, -14.6300, 22.8580

Conversions

Conversions Part 2

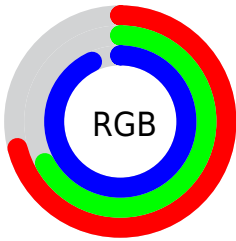
Format	Color
RYB	181, 170, 236
Decimal	11905772
CIELab	72.65, 17.65, -31.61
CIELCh	73, 36.203, 299.170
Yxy	44.6293, 0.2719, 0.2499
Android (android.graphics.Color)	4290095852 (0xFFB5AAEC)
YUV	180.8130, 27.2072, 0.1640
Hunter-Lab	66.8052, 12.8704, -29.0393

Details

The Hex color **B5AAEC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E1ECAA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EEE1FF**, and **7F76B4** is the 20% darker color. If you saturate the color by 10%, you get **A192EC**, and if you desaturate by 10%, it is **C9C2EC**.

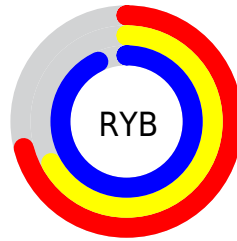
Distribution



Red (71%)

Green (67%)

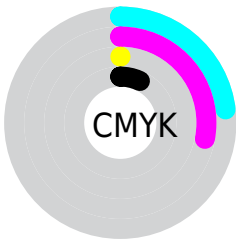
Blue (93%)



Red (71%)

Yellow (67%)

Blue (93%)

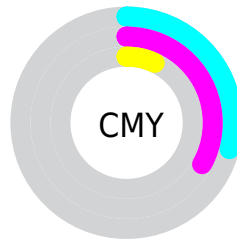


Cyan (23%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5AAEC 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 B5AAEC by changing the saturation by 10% instead.

 B5AAEC

 B5AAEC

FFFFFF

 9A90D0

 EEE1FF

 7F76B4

FFFEFF

 655D99

 4C467F

 332F66

 1A1A4D

 030036

 000220

 000004

 B5AAEC

 B5AAEC

 A192EC

 C9C2EC

 8E7BEC

 DCD9EC

 7A63EC

 F0F1EC

 664CEC

 FFFFEC

 5334EC

 3F1CEC

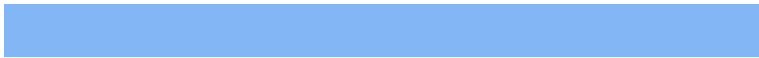
 2B05EC

 2700EC

Harmonies

Analogous

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



82B6F4



B5AAEC



DB9FD5

Triad

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



B5AAEC



E4A47A



56C4B0

Complementary

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



B5AAEC



E1ECAA

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.



80C18F



B5AAEC



C9B070

Square

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



B5AAEC



F29B94



A7BA77



37C3D1

Rectangle

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



B5AAEC



EB9AC0



A7BA77



64C3A5

Sweetspot

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



B5AAEC



EEEEBF



AAE1EC



757380



000000



808080

Same Dimension

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



B5AAEC



B7A8FF



D6AAEC



6C6A75



1E00B5



090036

Inverse Universe

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



ECAA E1



FFA8 F1



C0ECAA



756A 73



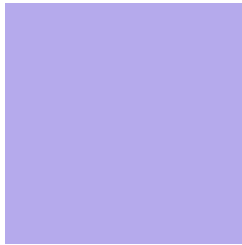
B500 97



3600 2D

Previews

White Background



This preview shows how the Hex color B5AAEC looks on a white background.

Color Contrast Check

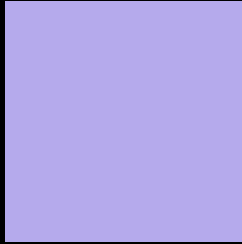
Large Text (above 18pt) WCAG AA × Fail

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 B5AAEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

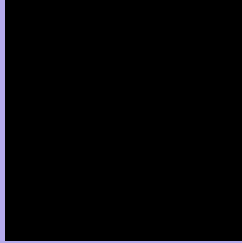
Any Text WCAG AA ✓ Pass

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 B5AAEC Background



This preview shows how black text looks on a background with the Hex color B5AAEC.

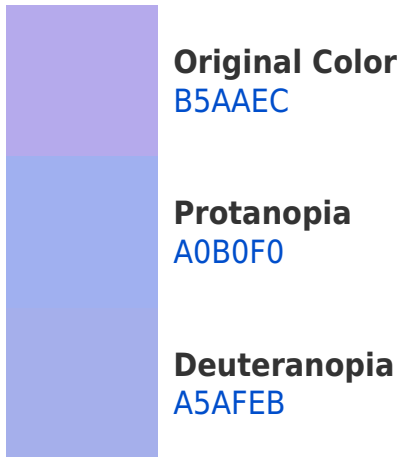


This preview shows how white text looks on a background with the Hex color B5AAEC.

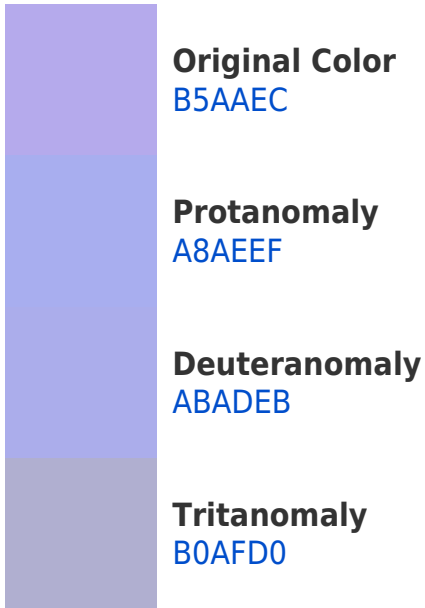
Color Blindness Simulation

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](#).

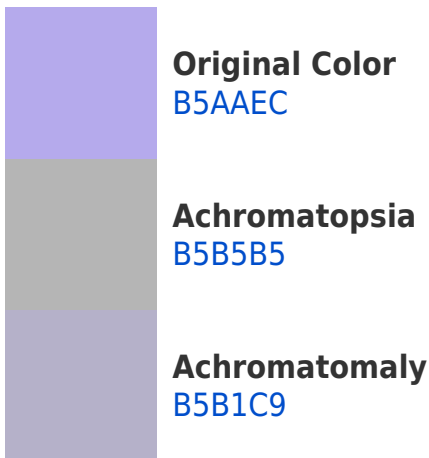
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5AAEC 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 #B5AAEC looks like.

```
.text, #text, p{  
    color:#B5AAEC  
}
```

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 #B5AAEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5AAEC
}
```

Border

The CSS property to change the border of an element to Hex B5AAEC 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
#B5AAEC }
```

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

```
.border{ border-color:#B5AAEC }
```

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

Here you see how a box with a 4 pixel #B5AAEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5AAEC; -webkit-box-shadow:4px 4px  
4px 4px #B5AAEC; box-shadow:4px 4px 4px  
4px #B5AAEC }
```

Background

The CSS property to change the background color of an element to Hex B5AAEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5AAEC }
```

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

```
.background{ background-color:#B5AAEC }
```

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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