

Converting Colors

Hex(B5AAD8)

Have a look what the booklet for
Hex(B5AAD8) contains.

Hex(B5AAD8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B5AAD8)

Conversions

Conversions Part 1

Format	Color
Hex	B5AAD8
RGB	181, 170, 216
RGB Percent	71%, 67%, 85%
CMY	0.2902, 0.3333, 0.1529
CMYK	0.16, 0.21, 0.00, 0.15
HSL	254°, 37%, 76%
HSV	254°, 21%, 85%
XYZ	45.8255, 43.5311, 70.9528
YIQ	178.5330, -8.2100, 16.6380

Conversions

Conversions Part 2

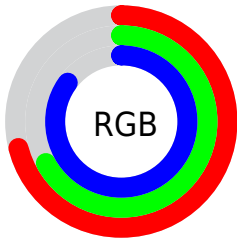
Format	Color
RYB	181, 170, 216
Decimal	11905752
CIELab	71.91, 13.13, -21.82
CIELCh	72, 25.462, 301.033
Yxy	43.5311, 0.2859, 0.2715
Android (android.graphics.Color)	4290095832 (0xFFB5AAD8)
YUV	178.5330, 18.4712, 2.1636
Hunter-Lab	65.9781, 8.5165, -17.5758

Details

The Hex color **B5AAD8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDD8AA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EDE1FF**, and **8076A1** is the 20% darker color. If you saturate the color by 10%, you get **A594D8**, and if you desaturate by 10%, it is **C5C0D8**.

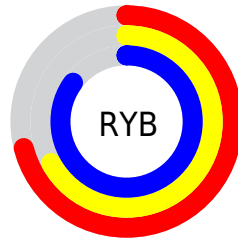
Distribution



Red (71%)

Green (67%)

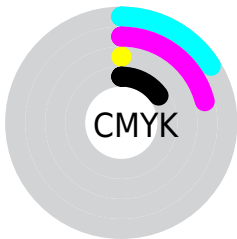
Blue (85%)



Red (71%)

Yellow (67%)

Blue (85%)

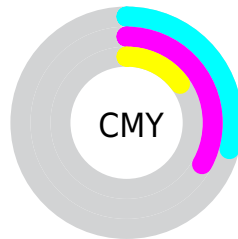


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (15%)



Cyan (29%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5AAD8 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 B5AAD8 by changing the saturation by 10% instead.

 B5AAD8

 B5AAD8

FFFFFF

 9A90BC

 EDE1FF

 8076A1

FFFEFF

 665D87

 4E466D

 362F55

 1F1A3D

 0C0028

 000111

 000000

 B5AAD8

 B5AAD8

 A594D8

 C5C0D8

 947FD8

 D6D5D8

 8469D8

 E6EBD8

 7354D8

 F7FFD8

 633ED8

 FFFFD8

 5228D8

 4213D8

 3400D8

Harmonies

Analogous

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



95B2DE



B5AAD8



CFA3C7

Triad

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



B5AAD8



D4A788



76BDB0

Complementary

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



B5AAD8



CDD8AA

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.



8DBB99



B5AAD8



C1AF82

Square

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



B5AAD8



DFA199



A7B688



6CBDC7

Rectangle

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



B5AAD8



DAA0B8



A7B688



7DBDA8

Sweetspot

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



B5AAD8



F3F0FF



AACDD8



797780



000000



808080

Same Dimension

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



B5AAD8



CDBDFF



CCAAD8



63606B



2900AB



0A002B

Inverse Universe

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



D8AACD



FFBDEF



B6D8AA



6B6069



AB0082



2B0021

Previews

White Background



This preview shows how the Hex color B5AAD8 looks on a white background.

Color Contrast Check

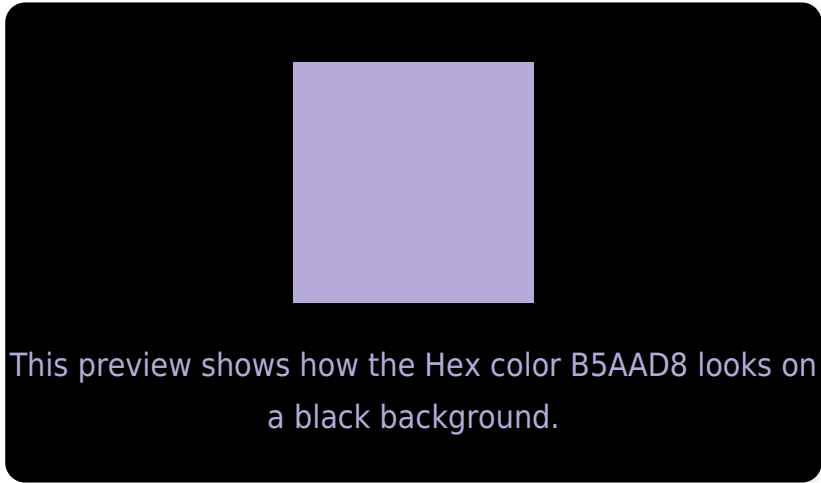
Large Text (above 18pt) WCAG AA × Fail

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

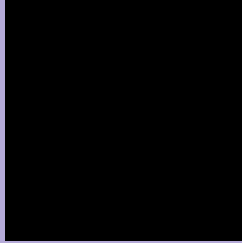
Any Text WCAG AA ✓ Pass

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 B5AAD8 Background



This preview shows how black text looks on a background with the Hex color B5AAD8.



This preview shows how white text looks on a background with the Hex color B5AAD8.

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
B5AAD8

Protanopia
A6AEDB

Deuteranopia
AEACD8

Trichromacy



Original Color
B5AAD8

Protanomaly
ABADDA

Deuteranomaly
B1ABD8

Tritanomaly
B2ADC7

Monochromacy



Original Color
B5AAD8

Achromatopsia
B3B3B3

Achromatomaly
B4B0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex B5AAD8 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 #B5AAD8 looks like.

```
.text, #text, p{  
    color:#B5AAD8  
}
```

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 #B5AAD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5AAD8  
}
```

Border

The CSS property to change the border of an element to Hex B5AAD8 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  
#B5AAD8 }
```

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

```
.border{ border-color:#B5AAD8 }
```

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

Here you see how a box with a 4 pixel #B5AAD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5AAD8; -webkit-box-shadow:4px 4px  
4px 4px #B5AAD8; box-shadow:4px 4px 4px  
4px #B5AAD8 }
```

Background

The CSS property to change the background color of an element to Hex B5AAD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5AAD8 }
```

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

```
.background{ background-color:#B5AAD8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor