

Converting Colors

Hex(B5AAC8)

Have a look what the booklet for
Hex(B5AAC8) contains.

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Color

Hex(B5AAC8)

Conversions

Conversions Part 1

Format	Color
Hex	B5AAC8
RGB	181, 170, 200
RGB Percent	71%, 67%, 78%
CMY	0.2902, 0.3333, 0.2157
CMYK	0.09, 0.15, 0.00, 0.22
HSL	262°, 21%, 73%
HSV	262°, 15%, 78%
XYZ	43.8561, 42.7433, 60.5824
YIQ	176.7090, -3.0740, 11.6620

Conversions

Conversions Part 2

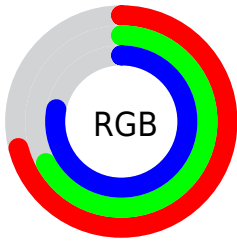
Format	Color
R_{YB}	181, 170, 200
Decimal	11905736
CIE _{Lab}	71.38, 9.73, -13.84
CIE _{LCh}	71, 16.918, 305.100
Yxy	42.7433, 0.2980, 0.2904
Android (android.graphics.Color)	4290095816 (0xFFB5AAC8)
YUV	176.7090, 11.4825, 3.7632
Hunter-Lab	65.3784, 5.3264, -9.1758

Details

The Hex color **B5AAC8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BDC8AA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EDE1FF**, and **807692** is the 20% darker color. If you saturate the color by 10%, you get **A896C8**, and if you desaturate by 10%, it is **C2BEC8**.

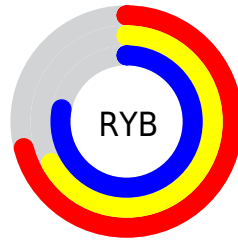
Distribution



Red (71%)

Green (67%)

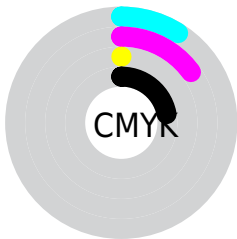
Blue (78%)



Red (71%)

Yellow (67%)

Blue (78%)

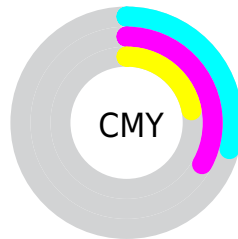


Cyan (9%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5AAC8 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 B5AAC8 by changing the saturation by 10% instead.

 B5AAC8

 B5AAC8

FFFFFF

 9A90AD

 EDE1FF

 807692

FFFEFF

 675D78

 4F465F

 382F48

 221A31

 0E001D

 000000

 B5AAC8

 B5AAC8

 A896C8

 C2BEC8

 9C82C8

 CED2C8

 8F6EC8

 DBE6C8

 825AC8

 E8FAC8

 7646C8

 F4FFC8

 6932C8

 FFFFC8

 5C1EC8

 500AC8

 4900C8

Harmonies

Analogous

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



A1AFCD



B5AAC8



C5A6BC

Triad

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



B5AAC8



C6AA93



89B8B1

Complementary

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



B5AAC8



BDC8AA

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.



96B7A1



B5AAC8



B8AF90

Square

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



B5AAC8



CEA69E



A7B395



86B7C0

Rectangle

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



B5AAC8



CCA4B2



A7B395



8DB8AC

Sweetspot

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



B5AAC8



F7F2FF



AABDC8



7B7880



000000



808080

Same Dimension

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



B5AAC8



E2D1FF



C4AAC8



5D5A63



3C00A3



0D0024

Inverse Universe

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



C8AABD



FFD1EE



AEC8AA



635A60



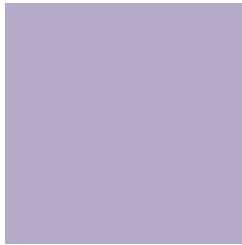
A30067



240017

Previews

White Background



This preview shows how the Hex color B5AAC8 looks on a white background.

Color Contrast Check

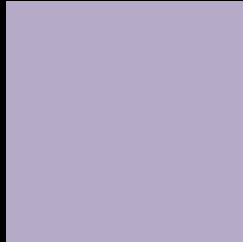
Large Text (above 18pt) WCAG AA × Fail

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 B5AAC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

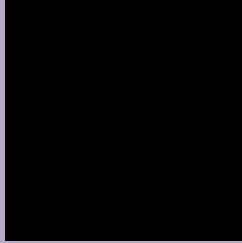
Any Text WCAG AA ✓ Pass

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 B5AAC8 Background



This preview shows how black text looks on a background with the Hex color B5AAC8.



This preview shows how white text looks on a background with the Hex color B5AAC8.

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
B5AAC8

Protanopia
AAADCA

Deuteranopia
B4AAC8

Trichromacy



Original Color
B5AAC8

Protanomaly
AEACC9

Deuteranomaly
B4AAC8

Tritanomaly
B4ABBF

Monochromacy



Original Color
B5AAC8

Achromatopsia
B1B1B1

Achromatomaly
B2AEB9

CSS Examples

Text

The CSS property to change the color of the text to Hex B5AAC8 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 #B5AAC8 looks like.

```
.text, #text, p{  
    color:#B5AAC8  
}
```

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 #B5AAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5AAC8  
}
```

Border

The CSS property to change the border of an element to Hex B5AAC8 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  
#B5AAC8 }
```

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

```
.border{ border-color:#B5AAC8 }
```

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

Here you see how a box with a 4 pixel #B5AAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5AAC8; -webkit-box-shadow:4px 4px  
4px 4px #B5AAC8; box-shadow:4px 4px 4px  
4px #B5AAC8 }
```

Background

The CSS property to change the background color of an element to Hex B5AAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5AAC8 }
```

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

```
.background{ background-color:#B5AAC8 }
```

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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