

# Converting Colors

Hex(B5A9C8)

Have a look what the booklet for  
Hex(B5A9C8) contains.

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# Color

Hex(**B5A9C8**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B5A9C8
RGB	181, 169, 200
RGB Percent	71%, 66%, 78%
CMY	0.2902, 0.3373, 0.2157
CMYK	0.09, 0.16, 0.00, 0.22
HSL	263°, 22%, 72%
HSV	263°, 16%, 78%
XYZ	43.6693, 42.3698, 60.5202
YIQ	176.1220, -2.7990, 12.1850

# Conversions

## Conversions Part 2

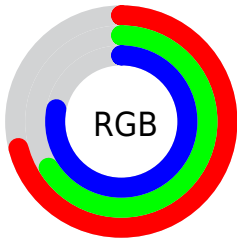
Format	Color
<a href="#">RYB</a>	<a href="#">181, 169, 200</a>
Decimal	<a href="#">11905480</a>
CIELab	<a href="#">71.13, 10.28, -14.23</a>
CIELCh	<a href="#">71, 17.550, 305.851</a>
Yxy	<a href="#">42.3698, 0.2980, 0.2891</a>
Android (android.graphics.Color)	<a href="#">4290095560 (0xFFB5A9C8)</a>
YUV	<a href="#">176.1220, 11.7719, 4.2780</a>
Hunter-Lab	<a href="#">65.0921, 5.8419, -9.5611</a>

# Details

The Hex color **B5A9C8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BCC8A9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EDE0FF**, and **807592** is the 20% darker color. If you saturate the color by 10%, you get **A995C8**, and if you desaturate by 10%, it is **C1BDC8**.

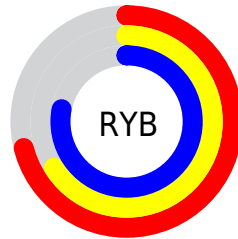
# Distribution



Red (71%)

Green (66%)

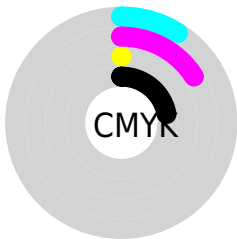
Blue (78%)



Red (71%)

Yellow (66%)

Blue (78%)

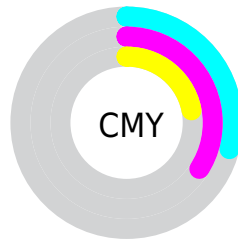


Cyan (9%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (34%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5A9C8 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 B5A9C8 by changing the saturation by 10% instead.



 B5A9C8

 B5A9C8

FFFFFF

 9A8FAD

 EDE0FF

 807592

 FFFDFD

 675C78

 4F455F

 372E48

 221A31

 0E001D

 000000

 B5A9C8

 B5A9C8

 A995C8

 C1BDC8

 9C81C8

 CED1C8

 906DC8

 DAE5C8

 8459C8

 E6F9C8

 7845C8

 F2FFC8

 6B31C8

 FFFFC8

 5F1DC8

 5309C8

 4D00C8

# Harmonies

## Analogous

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



A0AECE



B5A9C8



C6A5BC

# Triad

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



B5A9C8



C6A991



87B7B1

# Complementary

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



B5A9C8



BCC8A9

# 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.



94B6A1



B5A9C8



B7AE8E

# Square

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



B5A9C8



CFA59C



A6B394



84B6C0

# Rectangle

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



B5A9C8



CDA3B1



A6B394



8AB7AB



# Sweetspot

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



B5A9C8



F7F2FF



A9BCC8



7B7880



000000



808080



# Same Dimension

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



B5A9C8



E1CFFF



C4A9C8



5D5A63



3F00A3



0E0024



# Inverse Universe

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



C8A9BC



FFCFEC



ADC8A9



635A60



A30064



240016



# Previews

## White Background



This preview shows how the Hex color B5A9C8 looks on a white background.

## Color Contrast Check

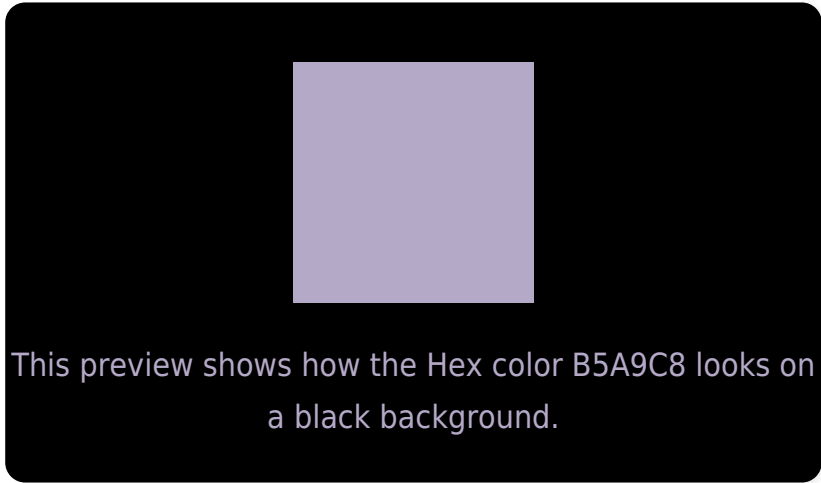
Large Text (above 18pt) WCAG AA × Fail

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

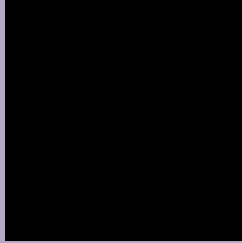
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5A9C8 Background



This preview shows how black text looks on a background with the Hex color B5A9C8.



This preview shows how white text looks on a background with the Hex color B5A9C8.

# 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**  
B5A9C8

**Protanopia**  
A9ADCA

**Deuteranopia**  
B3AAC8



**Tritanopia**  
B3ACB9

# Trichromacy



**Original Color**  
B5A9C8

**Protanomaly**  
ADACC9

**Deuteranomaly**  
B4AAC8

**Tritanomaly**  
B4ABBE

# Monochromacy



**Original Color**  
B5A9C8

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B2ADB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5A9C8 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 #B5A9C8 looks like.

```
.text, #text, p{  
    color:#B5A9C8  
}
```

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 #B5A9C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A9C8  
}
```

## Border

The CSS property to change the border of an element to Hex B5A9C8 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  
#B5A9C8 }
```

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

```
.border{ border-color:#B5A9C8 }
```

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

Here you see how a box with a 4 pixel #B5A9C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A9C8; -webkit-box-shadow:4px 4px  
4px 4px #B5A9C8; box-shadow:4px 4px 4px  
4px #B5A9C8 }
```

# Background

The CSS property to change the background color of an element to Hex B5A9C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A9C8 }
```

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

```
.background{ background-color:#B5A9C8 }
```

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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