

# Converting Colors

Hex(B5A7C3)

Have a look what the booklet for  
Hex(B5A7C3) contains.

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# **Color**

**Hex(B5A7C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5A7C3
RGB	181, 167, 195
RGB Percent	71%, 65%, 76%
CMY	0.2902, 0.3451, 0.2353
CMYK	0.07, 0.14, 0.00, 0.24
HSL	270°, 19%, 71%
HSV	270°, 14%, 76%
XYZ	42.7251, 41.4013, 57.3692
YIQ	174.3780, -0.6440, 11.6760

# Conversions

## Conversions Part 2

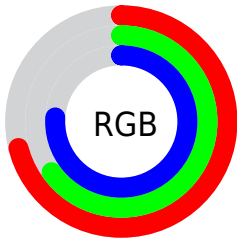
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 167, 195
Decimal	11904963
CIE <sub>Lab</sub>	70.46, 10.36, -12.47
CIE <sub>LCh</sub>	70, 16.216, 309.715
Yxy	41.4013, 0.3020, 0.2926
Android (android.graphics.Color)	4290095043 (0xFFB5A7C3)
YUV	174.3780, 10.1666, 5.8075
Hunter-Lab	64.3439, 5.9244, -7.8224

# Details

The Hex color **B5A7C3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B5C3A7**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EDDEFD**, and **80738D** is the 20% darker color. If you saturate the color by 10%, you get **AB94C3**, and if you desaturate by 10%, it is **BFBBC3**.

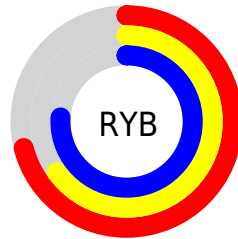
# Distribution



Red (71%)

Green (65%)

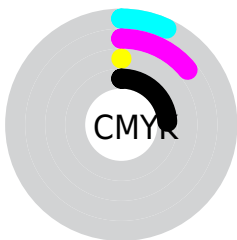
Blue (76%)



Red (71%)

Yellow (65%)

Blue (76%)

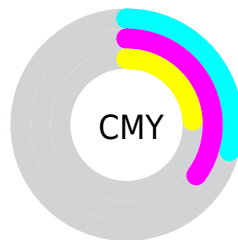


Cyan (7%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (35%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5A7C3 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 B5A7C3 by changing the saturation by 10% instead.



 B5A7C3

 B5A7C3

FFFFFF

 9A8DA8

 EDDEFC

 80738D

 FFFBFF

 675A74

 4F435B

 382D44

 22182D

 0E0019

 000000

 B5A7C3

 B5A7C3

 AB94C3

 BFBBC3

 A280C3

 C8CEC3

 986DC3

 D2E2C3

 8E59C3


 DCF5C3

 8446C3

 E6FFC3

 7B32C3

 EFFF C3

 711FC3

 F9FF C3

 670BC3

 FFFF C3

 6200C3

# Harmonies

## Analogous

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



A2ACC9



B5A7C3



C4A3B7

# Triad

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



B5A7C3



C1A891



88B5B1

# Complementary

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



B5A7C3



B5C3A7

# 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.



92B4A2



B5A7C3



B3AD8F

# Square

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



B5A7C3



CAA49A



A2B195



86B4BF

# Rectangle

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



B5A7C3



CAA2AD



A2B195



8AB5AC



# Sweetspot

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



B5A7C3



F7F2FC



A7B5C3



7C7980



000000



808080



# Same Dimension

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



B5A7C3



E7D2FC



C3A7C3



5C5761



5000A1



110021



# Inverse Universe

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



C3A7B5



FCD2E7



A7C3A7



61575C



A10050

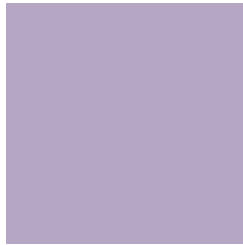


210011



# Previews

## White Background



This preview shows how the Hex color B5A7C3 looks on a white background.

## Color Contrast Check

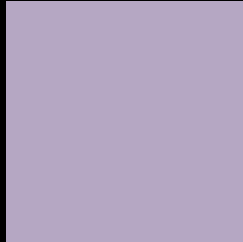
Large Text (above 18pt) WCAG AA × Fail

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 B5A7C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

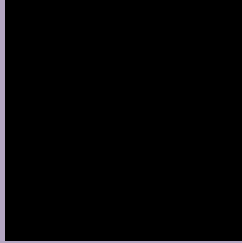
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5A7C3 Background



This preview shows how black text looks on a background with the Hex color B5A7C3.



This preview shows how white text looks on a background with the Hex color B5A7C3.

# 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**  
B5A7C3

**Protanopia**  
A8ABC6

**Deuteranopia**  
B3A8C3



**Tritanopia**  
B3A9B6

# Trichromacy



**Original Color**  
B5A7C3

**Protanomaly**  
ADAAC5

**Deuteranomaly**  
B4A8C3

**Tritanomaly**  
B4A8BB

# Monochromacy



**Original Color**  
B5A7C3

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
B1ABB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5A7C3 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 #B5A7C3 looks like.

```
.text, #text, p{  
    color:#B5A7C3  
}
```

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 #B5A7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A7C3
}
```

## Border

The CSS property to change the border of an element to Hex B5A7C3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

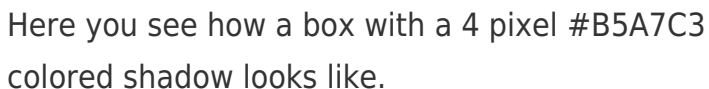
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5A7C3 }
```

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

```
.border{ border-color:#B5A7C3 }
```

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



Here you see how a box with a 4 pixel #B5A7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A7C3; -webkit-box-shadow:4px 4px  
4px 4px #B5A7C3; box-shadow:4px 4px 4px  
4px #B5A7C3 }
```

# Background

The CSS property to change the background color of an element to Hex B5A7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A7C3 }
```

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

```
.background{ background-color:#B5A7C3 }
```

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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