

Converting Colors

Hex(B5A9E3)

Have a look what the booklet for
Hex(B5A9E3) contains.

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Color

Hex(B5A9E3)

Conversions

Conversions Part 1

Format	Color
Hex	B5A9E3
RGB	181, 169, 227
RGB Percent	71%, 66%, 89%
CMY	0.2902, 0.3373, 0.1098
CMYK	0.20, 0.26, 0.00, 0.11
HSL	252°, 51%, 78%
HSV	252°, 26%, 89%
XYZ	47.1092, 43.7457, 78.6339
YIQ	179.2000, -11.4660, 20.5820

Conversions

Conversions Part 2

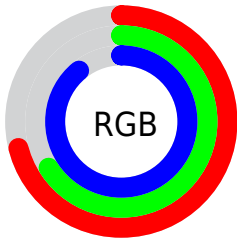
Format	Color
RYB	181, 169, 227
Decimal	11905507
CIELab	72.06, 16.13, -27.61
CIElCh	72, 31.980, 300.295
Yxy	43.7457, 0.2779, 0.2581
Android (android.graphics.Color)	4290095587 (0xFFB5A9E3)
YUV	179.2000, 23.5654, 1.5786
Hunter-Lab	66.1406, 11.3921, -24.1909

Details

The Hex color **B5A9E3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D7E3A9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EDE0FF**, and **7F75AB** is the 20% darker color. If you saturate the color by 10%, you get **A392E3**, and if you desaturate by 10%, it is **C7C0E3**.

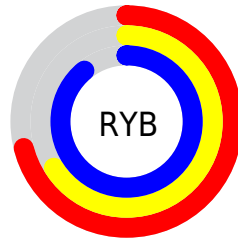
Distribution



Red (71%)

Green (66%)

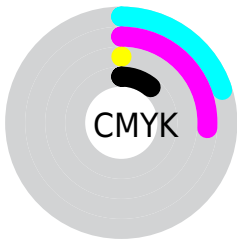
Blue (89%)



Red (71%)

Yellow (66%)

Blue (89%)

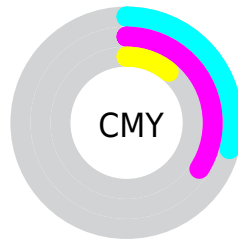


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5A9E3 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 B5A9E3 by changing the saturation by 10% instead.

 B5A9E3

 B5A9E3

FFFFFF

 9A8FC7

 EDE0FF

 7F75AB

 FFFDFF

 665C91

 4D4577

 342E5E

 1C1A46

 080030

 00011A


 000000

 B5A9E3

 B5A9E3

 A392E3

 C7C0E3

 917CE3

 D9D6E3

 7F65E3

 EBEDE3

 6D4EE3

 FDFFE3

 5B38E3

 FFFFE3

 4921E3

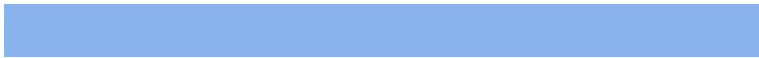
 370AE3

 2F00E3

Harmonies

Analogous

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



8AB3EB



B5A9E3



D6A0CE

Triad

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



B5A9E3



DDA57F



63C1B0

Complementary

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



B5A9E3



D7E3A9

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.



84BE93



B5A9E3



C5AF76

Square

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



B5A9E3



EA9D95



A6B87D



50C0CD

Rectangle

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



B5A9E3



E49CBB



A6B87D



6DC0A6

Sweetspot

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



B5A9E3



EFE8FF



A9D7E3



757380



000000



808080

Same Dimension

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



B5A9E3



C0B0FF



D2A9E3



6A6773



2500B3



0B0033

Inverse Universe

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



E3A9D7



FFB0EF



BAE3A9



736770



B3008E



330028

Previews

White Background



This preview shows how the Hex color B5A9E3 looks on a white background.

Color Contrast Check

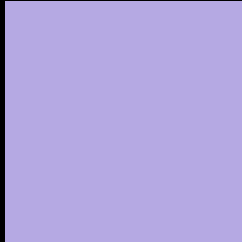
Large Text (above 18pt) WCAG AA × Fail

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 B5A9E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

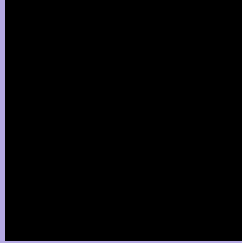
Any Text WCAG AA ✓ Pass

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 B5A9E3 Background



This preview shows how black text looks on a background with the Hex color B5A9E3.



This preview shows how white text looks on a background with the Hex color B5A9E3.

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

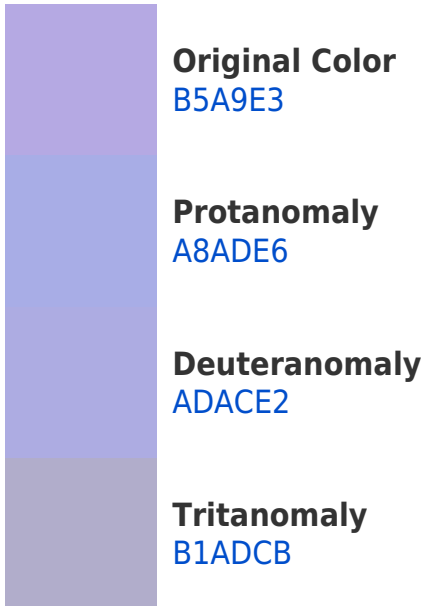


Original Color
B5A9E3

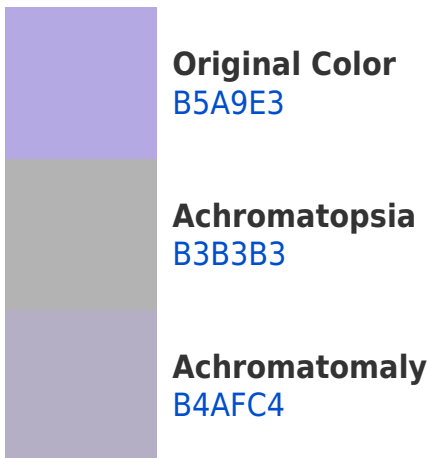
Protanopia
A1AFE7

Deuteranopia
A8ADE2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5A9E3 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 #B5A9E3 looks like.

```
.text, #text, p{  
    color:#B5A9E3  
}
```

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 #B5A9E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A9E3
}
```

Border

The CSS property to change the border of an element to Hex B5A9E3 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
#B5A9E3 }
```

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

```
.border{ border-color:#B5A9E3 }
```

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

Here you see how a box with a 4 pixel #B5A9E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A9E3; -webkit-box-shadow:4px 4px  
4px 4px #B5A9E3; box-shadow:4px 4px 4px  
4px #B5A9E3 }
```

Background

The CSS property to change the background color of an element to Hex B5A9E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A9E3 }
```

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

```
.background{ background-color:#B5A9E3 }
```

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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