

Converting Colors

Hex(B4A9E2)

Have a look what the booklet for
Hex(B4A9E2) contains.

Hex(B4A9E2)	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(B4A9E2)

Conversions

Conversions Part 1

Format	Color
Hex	B4A9E2
RGB	180, 169, 226
RGB Percent	71%, 66%, 89%
CMY	0.2941, 0.3373, 0.1137
CMYK	0.20, 0.25, 0.00, 0.11
HSL	252°, 50%, 77%
HSV	252°, 25%, 89%
XYZ	46.7378, 43.5702, 77.8980
YIQ	178.7870, -11.7410, 20.0590

Conversions

Conversions Part 2

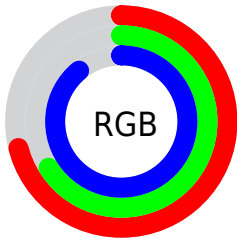
Format	Color
R _Y B	180, 169, 226
Decimal	11839970
CIE Lab	71.94, 15.60, -27.25
CIE LCh	72, 31.403, 299.783
Yxy	43.5702, 0.2779, 0.2590
Android (android.graphics.Color)	4290030050 (0xFFB4A9E2)
YUV	178.7870, 23.2760, 1.0638
Hunter-Lab	66.0077, 10.8762, -23.7648

Details

The Hex color **B4A9E2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D7E2A9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **ECE0FF**, and **7E75AA** is the 20% darker color. If you saturate the color by 10%, you get **A292E2**, and if you desaturate by 10%, it is **C6C0E2**.

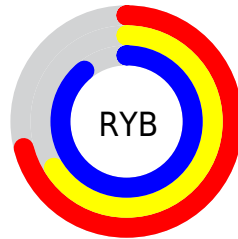
Distribution



Red (71%)

Green (66%)

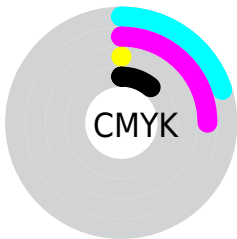
Blue (89%)



Red (71%)

Yellow (66%)

Blue (89%)

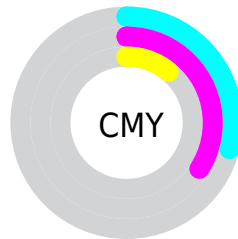


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4A9E2 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 B4A9E2 by changing the saturation by 10% instead.

 B4A9E2

 B4A9E2

FFFFFF

 998FC6

 ECE0FF

 7E75AA

 FFFDFF

 655C90

 4C4576

 342E5D

 1C1A45

 08002F

 000119

 000000

 B4A9E2

 B4A9E2

 A292E2

 C6C0E2

 907CE2

 D8D6E2

 7D65E2

 EBEDE2

 6B4FE2

 FDFFE2

 5938E2

 FFFFE2

 4721E2

 340BE2

 2C00E2

Harmonies

Analogous

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



8AB3E9



B4A9E2



D5A0CE

Triad

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



B4A9E2



DCA580



65C0AF

Complementary

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



B4A9E2



D7E2A9

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.



85BD93



B4A9E2



C5AE77

Square

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



B4A9E2



E99D95



A6B77E



53BFCC

Rectangle

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



B4A9E2



E39CBB



A6B77E



6FBFA5

Sweetspot

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



B4A9E2



EFE8FF



A9D8E2



757380



000000



808080

Same Dimension

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



B4A9E2



C1B3FF



D0A9E2



676570



2200B0



090030

Inverse Universe

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



E2A9D7



FFB3F0



BBE2A9



70656E



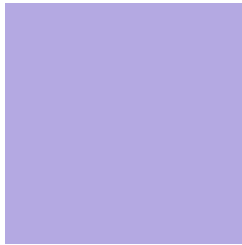
B0008E



300027

Previews

White Background



This preview shows how the Hex color B4A9E2 looks on a white background.

Color Contrast Check

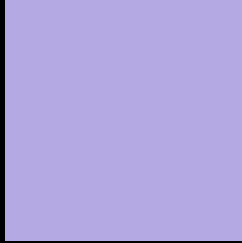
Large Text (above 18pt) WCAG AA × Fail

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 B4A9E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

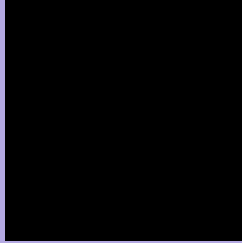
Any Text WCAG AA ✓ Pass

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 B4A9E2 Background



This preview shows how black text looks on a background with the Hex color B4A9E2.

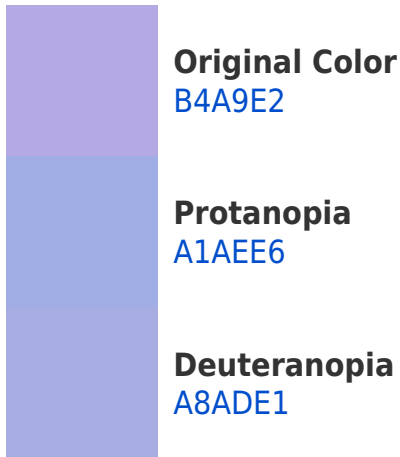


This preview shows how white text looks on a background with the Hex color B4A9E2.

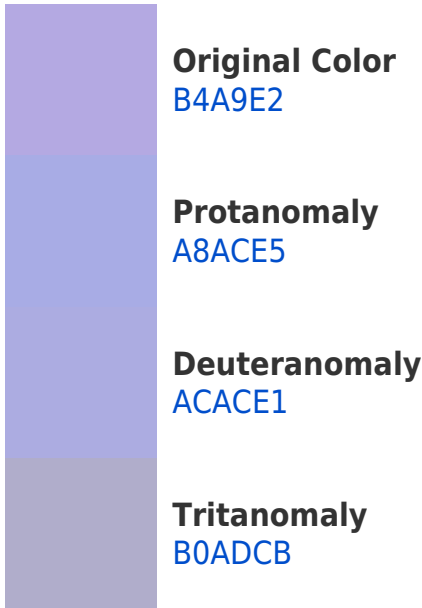
Color Blindness Simulation

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](#).

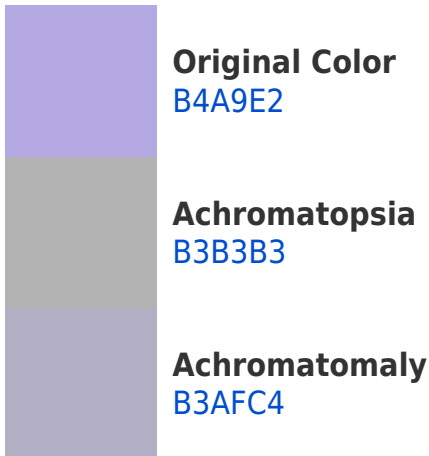
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4A9E2 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 #B4A9E2 looks like.

```
.text, #text, p{  
    color:#B4A9E2  
}
```

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 #B4A9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4A9E2
}
```

Border

The CSS property to change the border of an element to Hex B4A9E2 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
#B4A9E2 }
```

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

```
.border{ border-color:#B4A9E2 }
```

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

Here you see how a box with a 4 pixel #B4A9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4A9E2; -webkit-box-shadow:4px 4px  
4px 4px #B4A9E2; box-shadow:4px 4px 4px  
4px #B4A9E2 }
```

Background

The CSS property to change the background color of an element to Hex B4A9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4A9E2 }
```

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

```
.background{ background-color:#B4A9E2 }
```

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