

Converting Colors

Hex(B4AEDA)

Have a look what the booklet for
Hex(B4AEDA) contains.

Hex(B4AEDA)	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(B4AEDA)

Conversions

Conversions Part 1

Format	Color
Hex	B4AEDA
RGB	180, 174, 218
RGB Percent	71%, 68%, 85%
CMY	0.2941, 0.3176, 0.1451
CMYK	0.17, 0.20, 0.00, 0.15
HSL	248°, 37%, 77%
HSV	248°, 20%, 85%
XYZ	46.6133, 45.0374, 72.5660
YIQ	180.8100, -10.5480, 14.9560

Conversions

Conversions Part 2

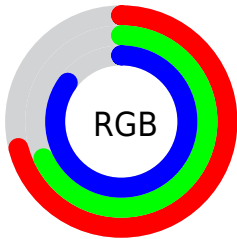
Format	Color
RYB	180, 174, 218
Decimal	11841242
CIELab	72.92, 11.04, -21.39
CIELCh	73, 24.074, 297.295
Yxy	45.0374, 0.2839, 0.2743
Android (android.graphics.Color)	4290031322 (0xFFB4AEDA)
YUV	180.8100, 18.3347, -0.7104
Hunter-Lab	67.1099, 6.5406, -17.1334

Details

The Hex color **B4AEDA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D4DAAE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ECE5FF**, and **7F7AA3** is the 20% darker color. If you saturate the color by 10%, you get **A198DA**, and if you desaturate by 10%, it is **C7C4DA**.

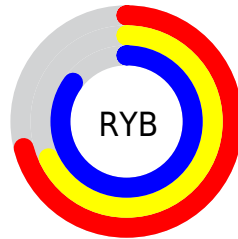
Distribution



Red (71%)

Green (68%)

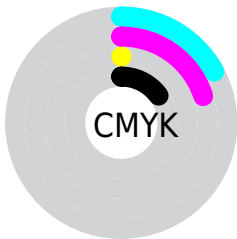
Blue (85%)



Red (71%)

Yellow (68%)

Blue (85%)

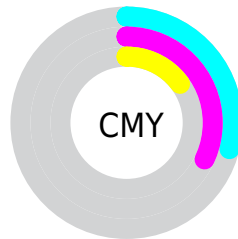


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (29%)

Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4AEDA 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 B4AEDA by changing the saturation by 10% instead.

 B4AEDA

 B4AEDA

FFFFFF

 9993BE

 ECE5FF

 7F7AA3

 656189

 4D496F

 353357

 1E1E3F

 0A0429

 000114

 000000

 B4AEDA

 B4AEDA

 A198DA

 C7C4DA

 8E82DA

 DADADA

 7C6DDA

 ECEFDA

 6957DA

 FFFFDA

 5641DA

 432BDA

 3015DA

 1E00DA

Harmonies

Analogous

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



96B6DF



B4AEDA



CEA7CB

Triad

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



B4AEDA



D7AA8F



7FBFB0

Complementary

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



B4AEDA



D4DAAE

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.



95BD9B



B4AEDA



C5B187

Square

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



B4AEDA



E0A4A0



AEB88B



74BFC6

Rectangle

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



B4AEDA



D9A4BD



AEB88B



85BFA9

Sweetspot

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



B4AEDA



F2F0FF



AED4DA



787780



000000



808080

Same Dimension

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



B4AEDA



CAC2FF



CAAEDA



64636E



1800AD



06002E

Inverse Universe

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



DAAED4



FFC2F7



BEDAAE



6E636C



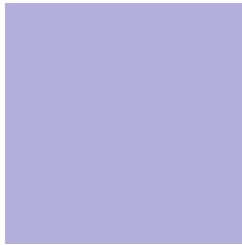
AD0096



2E0028

Previews

White Background



This preview shows how the Hex color B4AEDA looks on a white background.

Color Contrast Check

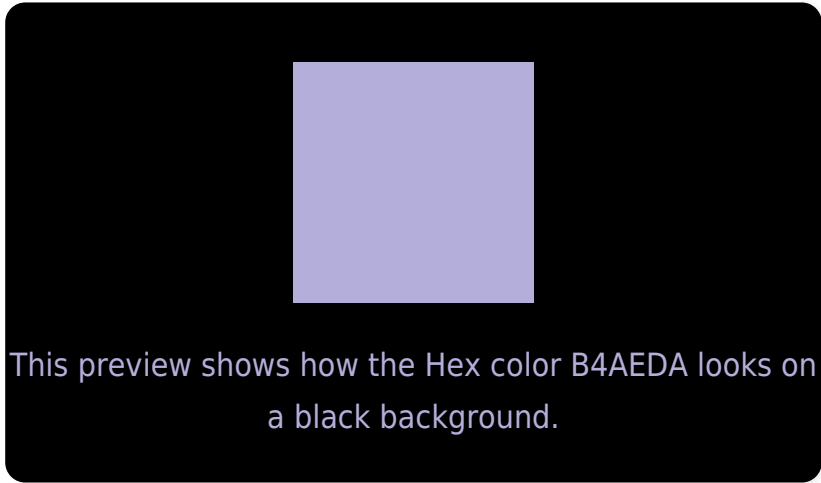
Large Text (above 18pt) WCAG AA × Fail

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

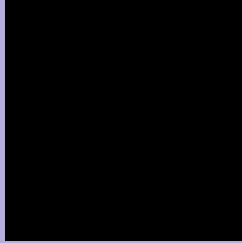
Any Text WCAG AA ✓ Pass

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 B4AEDA Background



This preview shows how black text looks on a background with the Hex color B4AEDA.



This preview shows how white text looks on a background with the Hex color B4AEDA.

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
B4AEDA

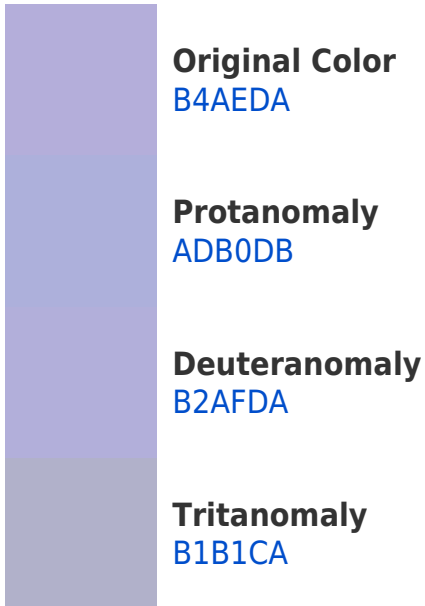
Protanopia
A9B1DC

Deuteranopia
B1AFDA

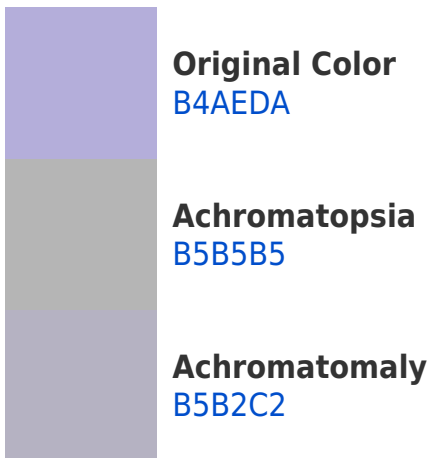


Tritanopia
B0B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4AEDA 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 #B4AEDA looks like.

```
.text, #text, p{  
    color:#B4AEDA  
}
```

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 #B4AEDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4AEDA
}
```

Border

The CSS property to change the border of an element to Hex B4AEDA 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
#B4AEDA }
```

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

```
.border{ border-color:#B4AEDA }
```

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

Here you see how a box with a 4 pixel #B4AEDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4AEDA; -webkit-box-shadow:4px 4px  
4px 4px #B4AEDA; box-shadow:4px 4px 4px  
4px #B4AEDA }
```

Background

The CSS property to change the background color of an element to Hex B4AEDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4AEDA }
```

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

```
.background{ background-color:#B4AEDA }
```

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