

Converting Colors

Hex(B0AAE1)

Have a look what the booklet for
Hex(B0AAE1) contains.

| | |
|--|----|
| Hex(B0AAE1) | 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(B0AAE1)

Conversions

Conversions Part 1

| Format | Color |
|----------------------|---|
| Hex | B0AAE1 |
| RGB | 176, 170, 225 |
| RGB Percent | 69%, 67%, 88% |
| CMY | 0.3098, 0.3333, 0.1176 |
| CMYK | 0.22, 0.24, 0.00, 0.12 |
| HSL | 247°, 48%, 77% |
| HSV | 247°, 24%, 88% |
| XYZ | 45.8698, 43.4158, 77.1966 |
| YIQ | 178.0640, -14.0790, 18.3770 |

Conversions

Conversions Part 2

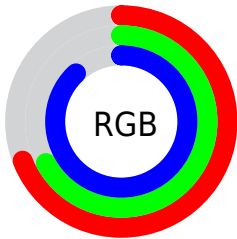
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 176, 170, 225 |
| Decimal | 11578081 |
| CIE Lab | 71.84, 13.59, -26.90 |
| CIE LCh | 72, 30.133, 296.804 |
| Yxy | 43.4158, 0.2755, 0.2608 |
| Android (android.graphics.Color) | 4289768161 (0xFFB0AAE1) |
| YUV | 178.0640, 23.1394, -1.8101 |
| Hunter-Lab | 65.8907, 8.9542, -23.3399 |

Details

The Hex color **B0AAE1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DBE1AA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E8E1FF**, and **7B76AA** is the 20% darker color. If you saturate the color by 10%, you get **9C93E1**, and if you desaturate by 10%, it is **C4C1E1**.

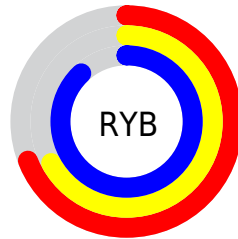
Distribution



Red (69%)

Green (67%)

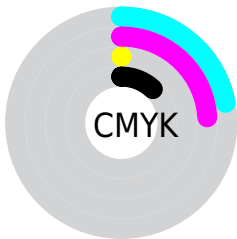
Blue (88%)



Red (69%)

Yellow (67%)

Blue (88%)

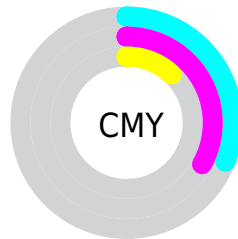


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0AAE1 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 B0AAE1 by changing the saturation by 10% instead.

 B0AAE1

 B0AAE1

FFFFFF

 9590C5

 E8E1FF

 7B76AA

FFFEFF

 615D8F

 484675

 302F5C

 181B44

 03002E

 000119

 000000

 B0AAE1

 B0AAE1

 9C93E1

 C4C1E1

 887DE1

 D8D7E1

 7467E1

 ECEEE1

 6050E1

 FFFFE1

 4C39E1

 3823E1

 240DE1

 1900E1

Harmonies

Analogous

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



88B4E6



B0AAE1



D0A1CF

Triad

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



B0AAE1



DCA483



6BBFAC

Complementary

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



B0AAE1



DBE1AA

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.



8ABC91



B0AAE1



C6AD79

Square

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



B0AAE1



E79D99



AAB67E



59BFC8

Rectangle

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



B0AAE1



DF9DBD



AAB67E



75BEA3

Sweetspot

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



B0AAE1



EFEDFF



AADBE1



767580



000000



808080

Same Dimension

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



B0AAE1



BDB5FF



CBAAE1



666570



1300B0



050030

Inverse Universe

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



E1AADB



FFB5F7



C0E1AA



70656F



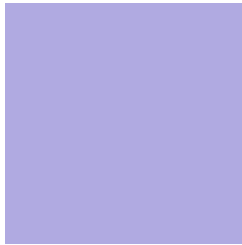
B0009D



30002B

Previews

White Background



This preview shows how the Hex color B0AAE1 looks on a white background.

Color Contrast Check

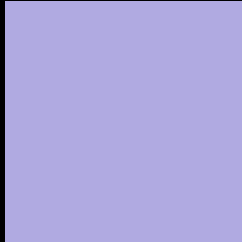
Large Text (above 18pt) WCAG AA × Fail

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 B0AAE1 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 B0AAE1 Background



This preview shows how black text looks on a background with the Hex color B0AAE1.

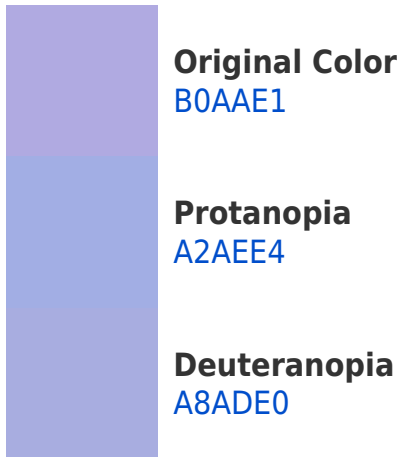


This preview shows how white text looks on a background with the Hex color B0AAE1.

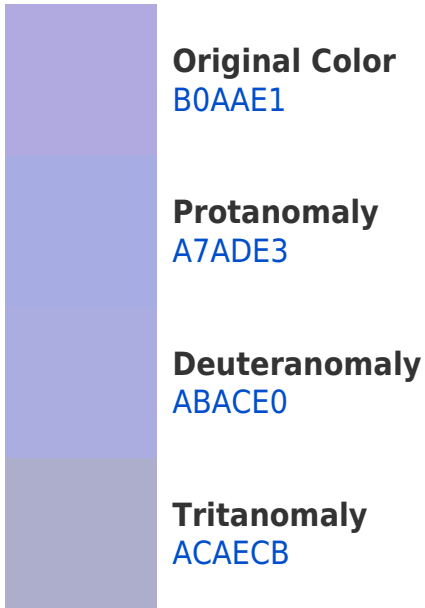
Color Blindness Simulation

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](#).

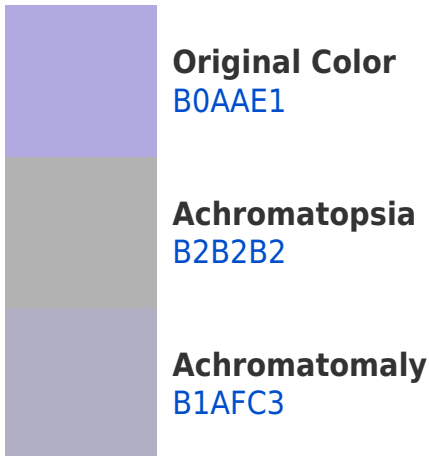
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0AAE1 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 #B0AAE1 looks like.

```
.text, #text, p{  
    color:#B0AAE1  
}
```

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 #B0AAE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0AAE1
}
```

Border

The CSS property to change the border of an element to Hex B0AAE1 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
#B0AAE1 }
```

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

```
.border{ border-color:#B0AAE1 }
```

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

Here you see how a box with a 4 pixel #B0AAE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0AAE1; -webkit-box-shadow:4px 4px  
4px 4px #B0AAE1; box-shadow:4px 4px 4px  
4px #B0AAE1 }
```

Background

The CSS property to change the background color of an element to Hex B0AAE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0AAE1 }
```

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

```
.background{ background-color:#B0AAE1 }
```

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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