

# Converting Colors

Hex(B0A7E3)

Have a look what the booklet for  
Hex(B0A7E3) contains.

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# **Color**

**Hex(B0A7E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A7E3
RGB	176, 167, 227
RGB Percent	69%, 65%, 89%
CMY	0.3098, 0.3451, 0.1098
CMYK	0.22, 0.26, 0.00, 0.11
HSL	249°, 52%, 77%
HSV	249°, 26%, 89%
XYZ	45.5883, 42.4136, 78.4569
YIQ	176.5310, -13.8960, 20.5680

# Conversions

## Conversions Part 2

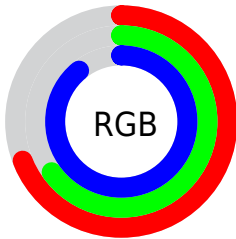
Format	Color
R <sub>Y</sub> B	176, 167, 227
Decimal	11577315
CIE Lab	71.16, 15.72, -29.04
CIE LCh	71, 33.018, 298.432
Yxy	42.4136, 0.2739, 0.2548
Android (android.graphics.Color)	4289767395 (0xFFB0A7E3)
YUV	176.5310, 24.8812, -0.4657
Hunter-Lab	65.1257, 10.9809, -25.8386

# Details

The Hex color **B0A7E3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DAE3A7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E8DEFF**, and **7A73AB** is the 20% darker color. If you saturate the color by 10%, you get **9D90E3**, and if you desaturate by 10%, it is **C3BEE3**.

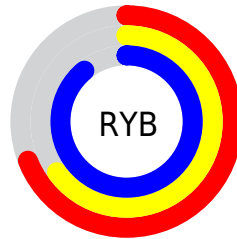
# Distribution



Red (69%)

Green (65%)

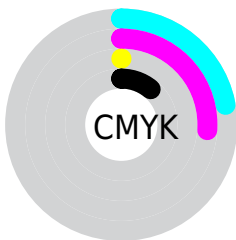
Blue (89%)



Red (69%)

Yellow (65%)

Blue (89%)

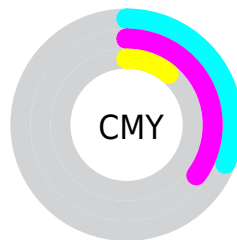


Cyan (22%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (35%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A7E3 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 B0A7E3 by changing the saturation by 10% instead.



 B0A7E3

 B0A7E3


FFFFFF

 958DC7

 E8DEFF

 7A73AB

 FFFBFF

 615B91

 484377

 2F2D5E

 171846

 020030

 00011A

 000000

 B0A7E3

 B0A7E3

 9D90E3

 C3BEE3

 897AE3

 D7D4E3

 7663E3

 EAEBE3

 634CE3

 FDFFE3

 5036E3

 FFFFE3

 3C1FE3

 2908E3

 2200E3

# Harmonies

## Analogous

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



83B2EA



B0A7E3



D39DCE

# Triad

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



B0A7E3



DDA27C



5FBFAC

# Complementary

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



B0A7E3



DAE3A7

# 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.



82BB8E



B0A7E3



C4AC72

# Square

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



B0A7E3



E99A93



A5B579



48BECA

# Rectangle

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



B0A7E3



E299BB



A5B579



6ABEA1



# Sweetspot

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



B0A7E3



EEEEFF



A7DAE3



757380



000000



808080



# Same Dimension

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



B0A7E3



BAADFF



CEA7E3



696773



1B00B3



080033



# Inverse Universe

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



E3A7DA



FFADF3



BCE3A7



736771



B30098

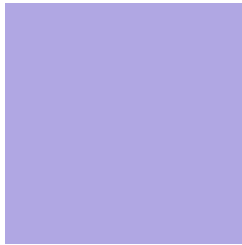


33002B



# Previews

## White Background



This preview shows how the Hex color B0A7E3 looks on a white background.

## Color Contrast Check

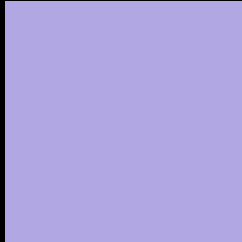
Large Text (above 18pt) WCAG AA × Fail

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 B0A7E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

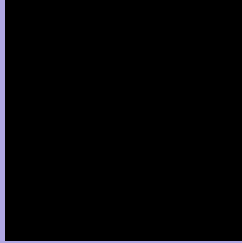
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0A7E3 Background



This preview shows how black text looks on a background with the Hex color B0A7E3.

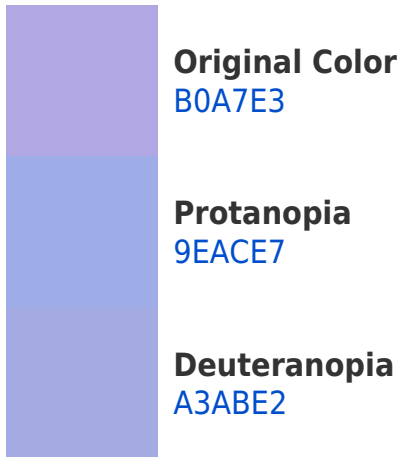


This preview shows how white text looks on a background with the Hex color B0A7E3.

# 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](#).

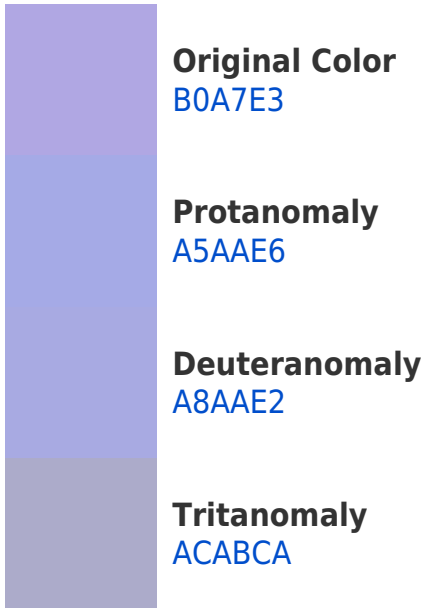
## Dichromacy



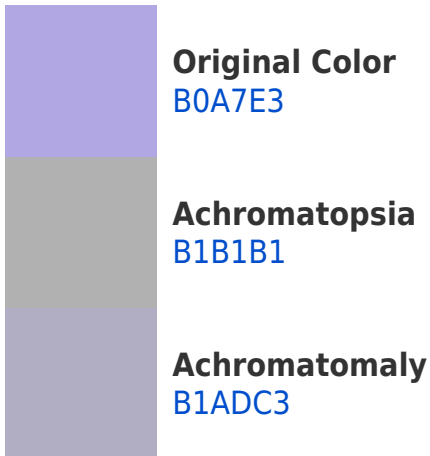


**Tritanopia**  
A9AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A7E3 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 #B0A7E3 looks like.

```
.text, #text, p{  
    color:#B0A7E3  
}
```

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 #B0A7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A7E3
}
```

## Border

The CSS property to change the border of an element to Hex B0A7E3 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
#B0A7E3 }
```

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

```
.border{ border-color:#B0A7E3 }
```

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

Here you see how a box with a 4 pixel #B0A7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A7E3; -webkit-box-shadow:4px 4px  
4px 4px #B0A7E3; box-shadow:4px 4px 4px  
4px #B0A7E3 }
```

# Background

The CSS property to change the background color of an element to Hex B0A7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A7E3 }
```

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

```
.background{ background-color:#B0A7E3 }
```

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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