

# Converting Colors

Hex(A7B1E0)

Have a look what the booklet for  
Hex(A7B1E0) contains.

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# **Color**

**Hex(A7B1E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7B1E0
RGB	167, 177, 224
RGB Percent	65%, 69%, 88%
CMY	0.3451, 0.3059, 0.1216
CMYK	0.25, 0.21, 0.00, 0.12
HSL	229°, 48%, 77%
HSV	229°, 25%, 88%
XYZ	45.1130, 45.0416, 76.8372
YIQ	179.3680, -21.0470, 12.4970

# Conversions

## Conversions Part 2

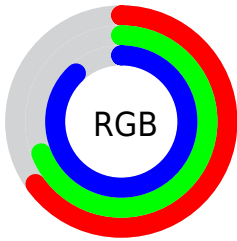
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	167, 176, 224
Decimal	10990048
CIE Lab	72.92, 6.75, -24.75
CIE LCh	73, 25.655, 285.257
Yxy	45.0416, 0.2702, 0.2697
Android (android.graphics.Color)	4289180128 (0xFFA7B1E0)
YUV	179.3680, 22.0036, -10.8467
Hunter-Lab	67.1130, 2.5390, -20.9015

# Details

The Hex color **A7B1E0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0D6A7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **DFE9FF**, and **727DA9** is the 20% darker color. If you saturate the color by 10%, you get **919FE0**, and if you desaturate by 10%, it is **BDC3E0**.

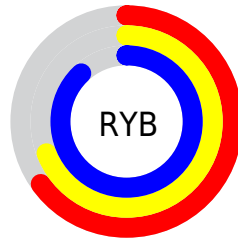
# Distribution



Red (65%)

Green (69%)

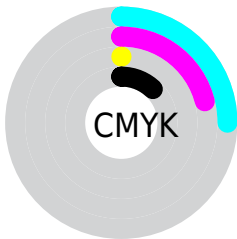
Blue (88%)



Red (65%)

Yellow (69%)

Blue (88%)

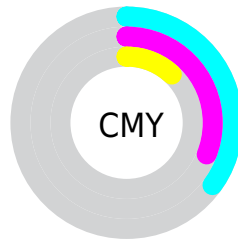


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (31%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7B1E0 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 A7B1E0 by changing the saturation by 10% instead.



 A7B1E0

 A7B1E0

FFFFFF

 8C96C4

 DFE9FF

 727DA9

 FCFFFF

 58648E

 404C74

 27355C

 0D2044

 00082D

 000118

 000000

 A7B1E0

 A7B1E0

 919FE0

 BDC3E0

 7A8CE0

 D4D6E0

 647AE0

 EAE8E0

 4D67E0

 FFFBE0

 3755E0

 FFFF00

 2142E0

 0A30E0

 0027E0

# Harmonies

## Analogous

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



87B9E0



A7B1E0



C5A9D4

# Triad

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



A7B1E0



DEA693



83BFA6

# Complementary

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



A7B1E0



E0D6A7

# 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.



9DBC91



A7B1E0



CFAD86

# Square

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



A7B1E0



E3A2A8



B8B585



71C0BE

# Rectangle

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



A7B1E0



D5A5C7



B8B585



8CBE9F



# Sweetspot

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



A7B1E0



EBEEFF



A7E0D6



737580



000000



808080



# Same Dimension

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



A7B1E0



B0BEFF



B9A7E0



656770



001FB0



000830



# Inverse Universe

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



E0A7B1



FFB0BE



CEE0A7



706567



B0001F



300008



# Previews

## White Background



This preview shows how the Hex color A7B1E0 looks on a white background.

## Color Contrast Check

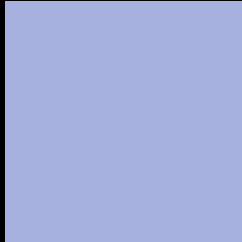
Large Text (above 18pt) WCAG AA × Fail

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 A7B1E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

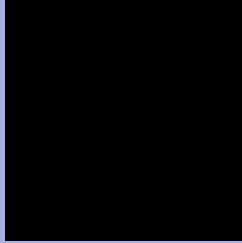
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7B1E0 Background



This preview shows how black text looks on a background with the Hex color A7B1E0.



This preview shows how white text looks on a background with the Hex color A7B1E0.

# 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**  
A7B1E0

**Protanopia**  
A7B1E0

**Deuteranopia**  
ADAFE0

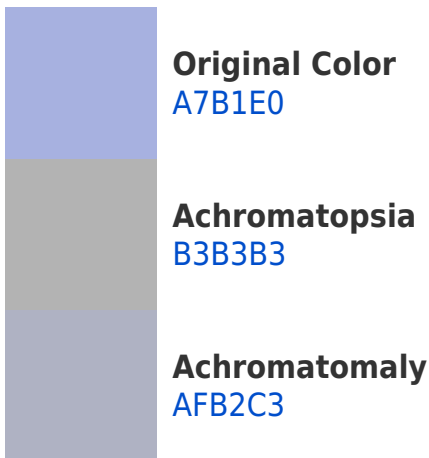


**Tritanopia**  
A1B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7B1E0 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 #A7B1E0 looks like.

```
.text, #text, p{  
    color:#A7B1E0  
}
```

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 #A7B1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7B1E0
}
```

## Border

The CSS property to change the border of an element to Hex A7B1E0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

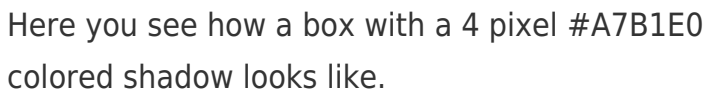
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7B1E0 }
```

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

```
.border{ border-color:#A7B1E0 }
```

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



Here you see how a box with a 4 pixel `#A7B1E0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7B1E0; -webkit-box-shadow:4px 4px  
4px 4px #A7B1E0; box-shadow:4px 4px 4px  
4px #A7B1E0 }
```

# Background

The CSS property to change the background color of an element to Hex A7B1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7B1E0 }
```

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

```
.background{ background-color:#A7B1E0 }
```

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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