

# Converting Colors

Hex(A7C3E4)

Have a look what the booklet for  
Hex(A7C3E4) contains.

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# **Color**

**Hex(A7C3E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7C3E4
RGB	167, 195, 228
RGB Percent	65%, 76%, 89%
CMY	0.3451, 0.2353, 0.1059
CMYK	0.27, 0.14, 0.00, 0.11
HSL	212°, 53%, 77%
HSV	212°, 27%, 89%
XYZ	49.4550, 52.8471, 80.9927
YIQ	190.3900, -27.2810, 4.3270

# Conversions

## Conversions Part 2

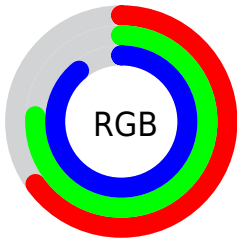
Format	Color
<a href="#">RYB</a>	<a href="#">167, 186, 228</a>
Decimal	<a href="#">10994660</a>
CIELab	<a href="#">77.78, -2.09, -19.52</a>
CIElCh	<a href="#">78, 19.628, 263.891</a>
Yxy	<a href="#">52.8471, 0.2698, 0.2883</a>
Android (android.graphics.Color)	<a href="#">4289184740</a> ( <a href="#">0xFFA7C3E4</a> )
YUV	<a href="#">190.3900, 18.5417, -20.5130</a>
Hunter-Lab	<a href="#">72.6960, -5.7847, -15.1695</a>

# Details

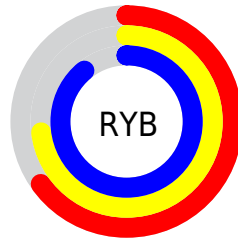
The Hex color **A7C3E4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E4C8A7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **DFFBFF**, and **728DAD** is the 20% darker color. If you saturate the color by 10%, you get **90B7E4**, and if you desaturate by 10%, it is **BECFE4**.

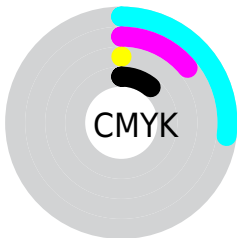
# Distribution



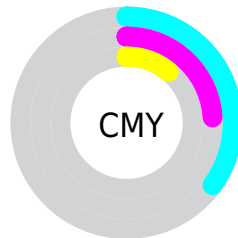
- Red (65%)
- Green (76%)
- Blue (89%)



- Red (65%)
- Yellow (73%)
- Blue (89%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (24%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7C3E4 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 A7C3E4 by changing the saturation by 10% instead.



 A7C3E4

 A7C3E4

FFFFFF

 8CA8C8

 DFFBFF

 728DAD

 FCFFFF

 587492

 3F5B78

 26445F

 0A2E47

 001931

 00021C

 000000

 A7C3E4

 A7C3E4

 90B7E4

 BECFE4

 79AAE4

 D5DCE4

 639EE4

 EBE8E4

 4C92E4

 FFF4E4

 3585E4

 FFFFE4

 1E79E4

 076DE4

 0069E4

# Harmonies

## Analogous

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



95C8DD



A7C3E4



BFBDE1

# Triad

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



A7C3E4



E7B4B2



AAC8AA

# Complementary

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



A7C3E4



E4C8A7

# 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.



BFC49F



A7C3E4



E0B8A4

# Square

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



A7C3E4



E3B4C5



D2BE9C



98CBBC

# Rectangle

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



A7C3E4



CEB9DB



D2BE9C



B1C7A6

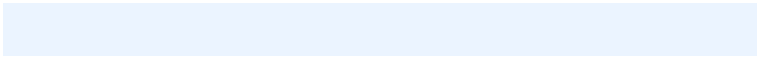


# Sweetspot

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



A7C3E4



EBF4FF



A7E4C8



737980



000000



808080

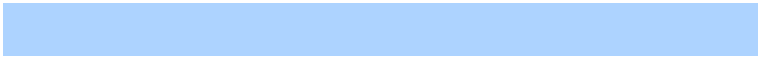


# Same Dimension

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



A7C3E4



ADD3FF



A9A7E4



676D73



0052B3



001733



# Inverse Universe

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



E4A7C3



FFADD3



E2E4A7



73676D



B30052

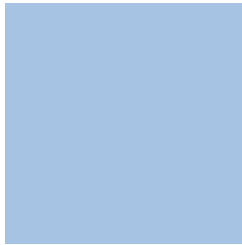


330017



# Previews

## White Background



This preview shows how the Hex color A7C3E4 looks on a white background.

## Color Contrast Check

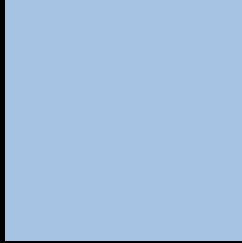
Large Text (above 18pt) WCAG AA × Fail

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 A7C3E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

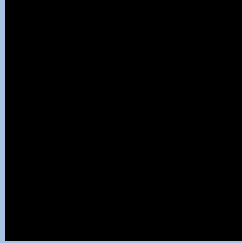
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

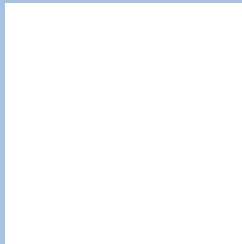
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7C3E4 Background



This preview shows how black text looks on a background with the Hex color A7C3E4.

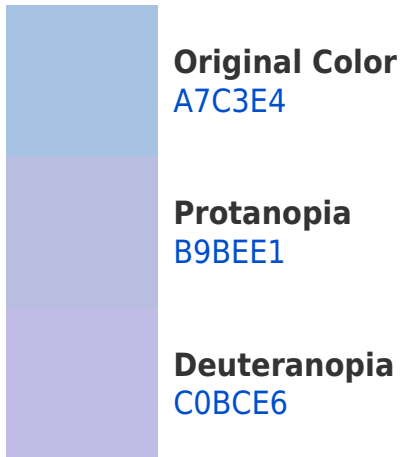


This preview shows how white text looks on a background with the Hex color A7C3E4.

# 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](#).

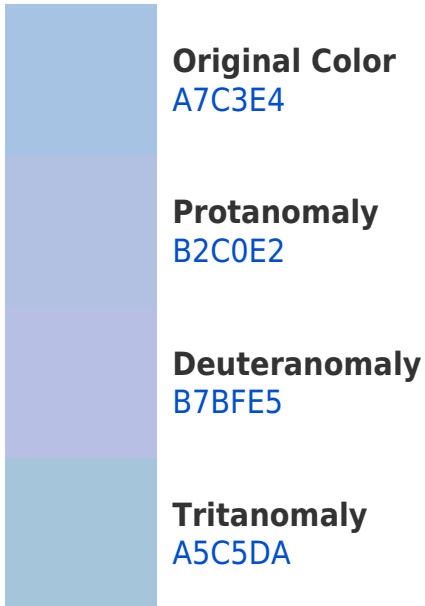
## Dichromacy



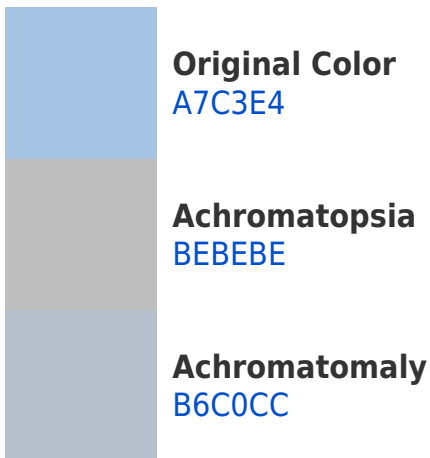


**Tritanopia**  
A4C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7C3E4 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 #A7C3E4 looks like.

```
.text, #text, p{  
    color:#A7C3E4  
}
```

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 #A7C3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7C3E4
}
```

## Border

The CSS property to change the border of an element to Hex A7C3E4 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
#A7C3E4 }
```

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

```
.border{ border-color:#A7C3E4 }
```

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

Here you see how a box with a 4 pixel #A7C3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7C3E4; -webkit-box-shadow:4px 4px  
4px 4px #A7C3E4; box-shadow:4px 4px 4px  
4px #A7C3E4 }
```

# Background

The CSS property to change the background color of an element to Hex A7C3E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7C3E4 }
```

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

```
.background{ background-color:#A7C3E4 }
```

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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