

# Converting Colors

Hex(A7B5E5)

Have a look what the booklet for  
Hex(A7B5E5) contains.

<b>Hex(A7B5E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A7B5E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7B5E5
RGB	167, 181, 229
RGB Percent	65%, 71%, 90%
CMY	0.3451, 0.2902, 0.1020
CMYK	0.27, 0.21, 0.00, 0.10
HSL	226°, 54%, 78%
HSV	226°, 27%, 90%
XYZ	46.6031, 46.9204, 80.7290
YIQ	182.2860, -23.7520, 11.9600

# Conversions

## Conversions Part 2

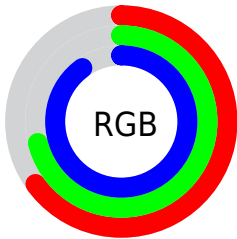
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	167, 178, 229
Decimal	10991077
CIE Lab	74.14, 5.74, -25.61
CIE LCh	74, 26.241, 282.640
Yxy	46.9204, 0.2674, 0.2693
Android (android.graphics.Color)	4289181157 (0xFFA7B5E5)
YUV	182.2860, 23.0300, -13.4058
Hunter-Lab	68.4985, 1.5706, -21.9275

# Details

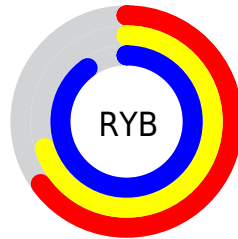
The Hex color **A7B5E5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5D7A7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **DFEDFF**, and **7280AD** is the 20% darker color. If you saturate the color by 10%, you get **90A3E5**, and if you desaturate by 10%, it is **BEC7E5**.

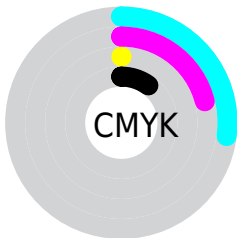
# Distribution



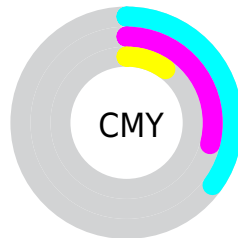
- Red (65%)
- Green (71%)
- Blue (90%)



- Red (65%)
- Yellow (70%)
- Blue (90%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (35%)
- Magenta (29%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7B5E5 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 A7B5E5 by changing the saturation by 10% instead.



 A7B5E5

 A7B5E5

FFFFFF

 8C9AC9

 DFEDFF

 7280AD


 FCFFFF

 586793

 3F4F79

 263960

 092348

 000E31

 00011C

 000000

 A7B5E5

 A7B5E5

 90A3E5

 BEC7E5

 7992E5

 D5D8E5

 6280E5

 ECEAE5

 4B6EE5

 FFFCE5

 355CE5

 FFFF E5

 1E4BE5

 0739E5

 0034E5

# Harmonies

## Analogous

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



86BDE4



A7B5E5



C7ADDA

# Triad

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



A7B5E5



E4A997



87C3A7

# Complementary

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



A7B5E5



E5D7A7

# 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.



A2BF92



A7B5E5



D5B089

# Square

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



A7B5E5



E7A5AD



BEB887



73C4C0

# Rectangle

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



A7B5E5



D7A8CD



BEB887



90C29F



# Sweetspot

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



A7B5E5



EBEFFF



A7E5D7



737680



000000



808080



# Same Dimension

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



A7B5E5



ADC0FF



B8A7E5



676A73



0028B3



000C33



# Inverse Universe

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



E5A7B5



FFADC0



D4E5A7



73676A



B30028

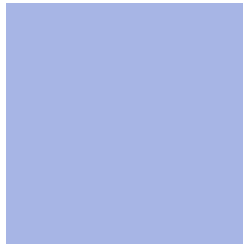


33000C



# Previews

## White Background



This preview shows how the Hex color A7B5E5 looks on a white background.

## Color Contrast Check

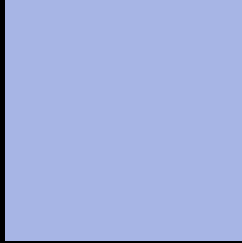
Large Text (above 18pt) WCAG AA × Fail

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 A7B5E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

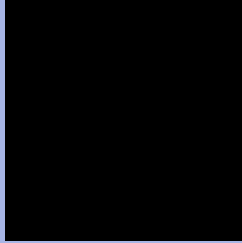
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7B5E5 Background



This preview shows how black text looks on a background with the Hex color A7B5E5.



This preview shows how white text looks on a background with the Hex color A7B5E5.

# 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



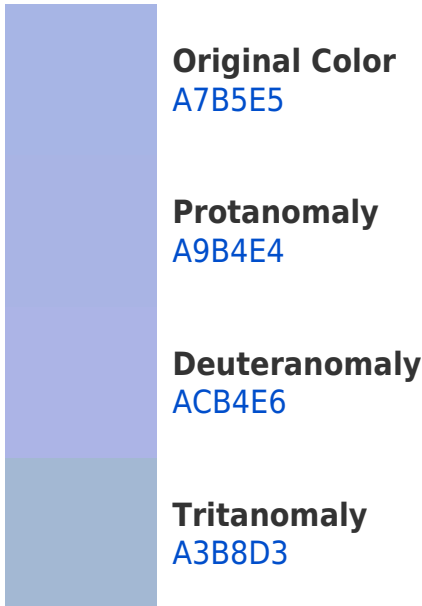
**Original Color**  
A7B5E5

**Protanopia**  
AAB4E4

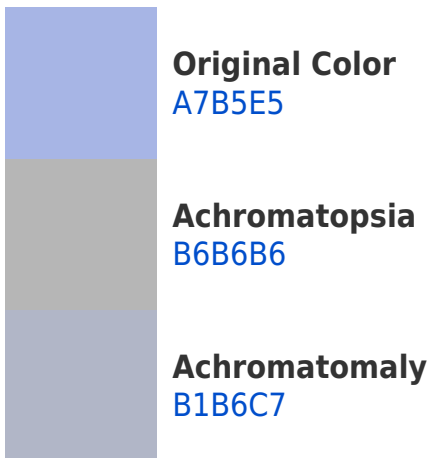
**Deuteranopia**  
AFB3E6



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7B5E5 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 #A7B5E5 looks like.

```
.text, #text, p{  
    color:#A7B5E5  
}
```

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 #A7B5E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7B5E5
}
```

## Border

The CSS property to change the border of an element to Hex A7B5E5 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
#A7B5E5 }
```

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

```
.border{ border-color:#A7B5E5 }
```

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

Here you see how a box with a 4 pixel #A7B5E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7B5E5; -webkit-box-shadow:4px 4px  
4px 4px #A7B5E5; box-shadow:4px 4px 4px  
4px #A7B5E5 }
```

# Background

The CSS property to change the background color of an element to Hex A7B5E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7B5E5 }
```

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

```
.background{ background-color:#A7B5E5 }
```

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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