

# Converting Colors

Hex(A7A5E2)

Have a look what the booklet for  
Hex(A7A5E2) contains.

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# Color

**Hex(A7A5E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A5E2
RGB	167, 165, 226
RGB Percent	65%, 65%, 89%
CMY	0.3451, 0.3529, 0.1137
CMYK	0.26, 0.27, 0.00, 0.11
HSL	242°, 51%, 77%
HSV	242°, 27%, 89%
XYZ	43.1190, 40.6167, 77.5187
YIQ	172.5520, -18.3890, 19.3950

# Conversions

## Conversions Part 2

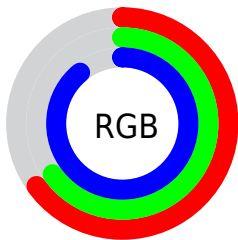
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	167, 165, 226
Decimal	10986978
CIE <sub>Lab</sub>	69.91, 13.90, -30.47
CIE <sub>LCh</sub>	70, 33.493, 294.527
Y <sub>xy</sub>	40.6167, 0.2674, 0.2519
Android (android.graphics.Color)	4289177058 (0xFFA7A5E2)
YUV	172.5520, 26.3499, -4.8691
Hunter-Lab	63.7313, 9.2388, -27.5047

# Details

The Hex color **A7A5E2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0E2A5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **DFDCFF**, and **7271AA** is the 20% darker color. If you saturate the color by 10%, you get **918EE2**, and if you desaturate by 10%, it is **BDBCE2**.

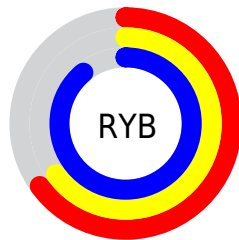
# Distribution



Red (65%)

Green (65%)

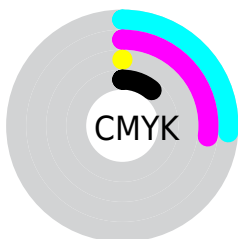
Blue (89%)



Red (65%)

Yellow (65%)

Blue (89%)

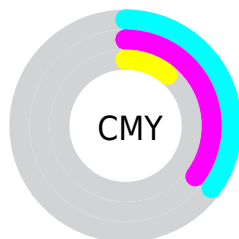


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (35%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A5E2 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 A7A5E2 by changing the saturation by 10% instead.



 A7A5E2

 A7A5E2

FFFFFF

 8C8BC6

 DFDCFF

 7271AA

 FCF8FF

 585990

 3F4276

 262C5D

 091745

 00002F

 000119

 000000

 A7A5E2

 A7A5E2

 918EE2

 BDBCE2

 7B78E2

 D3D2E2

 6561E2

 E9E9E2

 504BE2

 FEF2E2

 3A34E2

 FFF2E2

 241DE2

 0E07E2

 0700E2

# Harmonies

## Analogous

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



78AFE7



A7A5E2



CC9BCE

# Triad

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



A7A5E2



DC9D7A



5EBBA4

# Complementary

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



A7A5E2



E0E2A5

# 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.



83B887



A7A5E2



C5A76E

# Square

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



A7A5E2



E79593



A6B173



42BBC3

# Rectangle

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



A7A5E2



DD96BC



A6B173



6ABA9A



# Sweetspot

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



A7A5E2



EBEBFF



A5E1E2



737380



000000



808080



# Same Dimension

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



A7A5E2



B0ADFF



C5A5E2



656570



0600B0



020030



# Inverse Universe

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



E2A5E0



FFADFC



C2E2A5



706570



B000AA

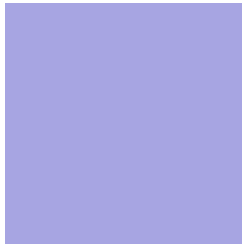


30002F



# Previews

## White Background



This preview shows how the Hex color A7A5E2 looks on a white background.

## Color Contrast Check

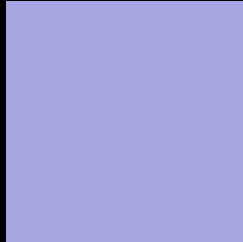
Large Text (above 18pt) WCAG AA × Fail

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 A7A5E2 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 A7A5E2 Background



This preview shows how black text looks on a background with the Hex color A7A5E2.

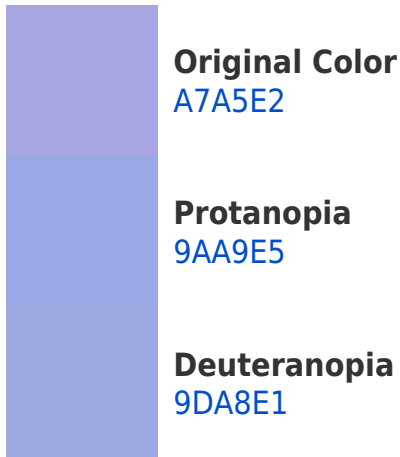


This preview shows how white text looks on a background with the Hex color A7A5E2.

# Color Blindness Simulation

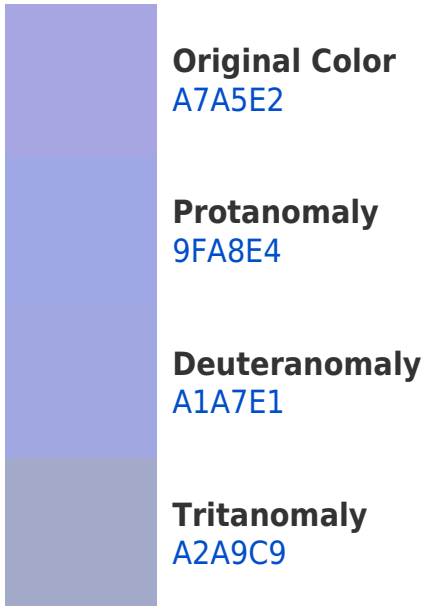
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

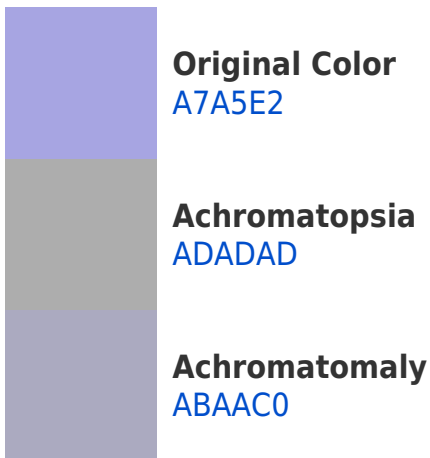




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A5E2 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 #A7A5E2 looks like.

```
.text, #text, p{  
    color:#A7A5E2  
}
```

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 #A7A5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A5E2
}
```

## Border

The CSS property to change the border of an element to Hex A7A5E2 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
#A7A5E2 }
```

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

```
.border{ border-color:#A7A5E2 }
```

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

Here you see how a box with a 4 pixel #A7A5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A5E2; -webkit-box-shadow:4px 4px  
4px 4px #A7A5E2; box-shadow:4px 4px 4px  
4px #A7A5E2 }
```

# Background

The CSS property to change the background color of an element to Hex A7A5E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A5E2 }
```

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

```
.background{ background-color:#A7A5E2 }
```

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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