

# Converting Colors

Hex(A6A7DD)

Have a look what the booklet for  
Hex(A6A7DD) contains.

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# **Color**

**Hex(A6A7DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6A7DD
RGB	166, 167, 221
RGB Percent	65%, 65%, 87%
CMY	0.3490, 0.3451, 0.1333
CMYK	0.25, 0.24, 0.00, 0.13
HSL	239°, 45%, 76%
HSV	239°, 25%, 87%
XYZ	42.5957, 40.9649, 74.0686
YIQ	172.8570, -17.9300, 16.5820

# Conversions

## Conversions Part 2

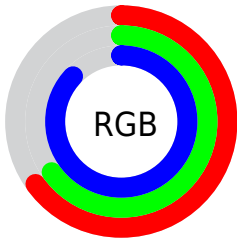
Format	Color
<a href="#">RYB</a>	<a href="#">166, 167, 221</a>
Decimal	<a href="#">10921949</a>
CIELab	<a href="#">70.15, 11.29, -27.36</a>
CIELCh	<a href="#">70, 29.596, 292.421</a>
Yxy	<a href="#">40.9649, 0.2702, 0.2599</a>
Android (android.graphics.Color)	<a href="#">4289112029</a> <a href="#">(0xFFA6A7DD)</a>
YUV	<a href="#">172.8570, 23.7345, -6.0136</a>
Hunter-Lab	<a href="#">64.0038, 6.7884, -23.8108</a>

# Details

The Hex color **A6A7DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DDDCA6**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DEDEFF**, and **7173A6** is the 20% darker color. If you saturate the color by 10%, you get **9091DD**, and if you desaturate by 10%, it is **BCBDDD**.

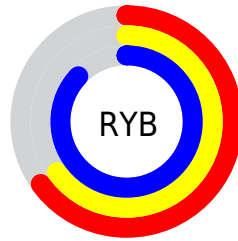
# Distribution



Red (65%)

Green (65%)

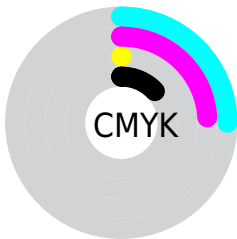
Blue (87%)



Red (65%)

Yellow (65%)

Blue (87%)

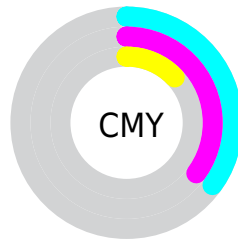


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (35%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6A7DD 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 A6A7DD by changing the saturation by 10% instead.




 A6A7DD

 A6A7DD

FFFFFF

 8B8DC1

 DEDEFF

 7173A6

 FBFBF

 575B8B

 3F4372

 262D59

 0C1941

 00002B

 000115

 000000

 A6A7DD

 A6A7DD

 9091DD

 BCBDDD

 7A7CDD

 D2D2DD

 6466DD

 E8E8DD

 4E50DD

 FEFEDD

 383BDD

 FFFFDD

 2125DD

 0B0FDD

 0004DD

# Harmonies

## Analogous

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



7FB0E0



A6A7DD



C79ECD

# Triad

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



A6A7DD



D99F82



6CBAA3

# Complementary

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



A6A7DD



DDCA6

# 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.



8BB78A



A6A7DD



C5A776

# Square

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



A6A7DD



E19898



AAB079



57BABF

# Rectangle

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



A6A7DD



D799BC



AAB079



76B99A



# Sweetspot

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



A6A7DD



EDEDFF



A6DDDB



757580



000000



808080



# Same Dimension

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



A6A7DD



B3B4FF



C0A6DD



63636E



0003AD



00012E



# Inverse Universe

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



DDA6A7



FFB3B4



C3DDA6



6E6363



AD0003

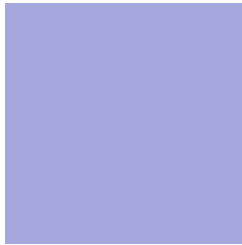


2E0001



# Previews

## White Background



This preview shows how the Hex color A6A7DD looks on a white background.

## Color Contrast Check

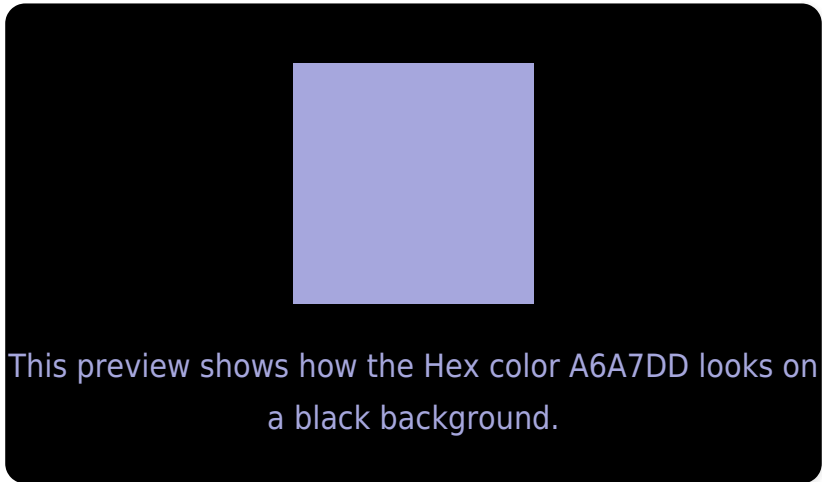
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

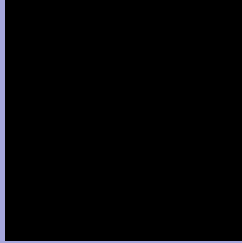
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6A7DD Background



This preview shows how black text looks on a background with the Hex color A6A7DD.



This preview shows how white text looks on a background with the Hex color A6A7DD.

# 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**  
A6A7DD

**Protanopia**  
9DA9DF

**Deuteranopia**  
A2A8DD



# Trichromacy



**Original Color**

A6A7DD

**Protanomaly**

A0A8DE

**Deuteranomaly**

A3A8DD

**Tritanomaly**

A2ABC7

# Monochromacy



**Original Color**

A6A7DD

**Achromatopsia**

ADADAD

**Achromatomaly**

AAABBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6A7DD 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 #A6A7DD looks like.

```
.text, #text, p{  
    color:#A6A7DD  
}
```

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 #A6A7DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A7DD  
}
```

## Border

The CSS property to change the border of an element to Hex A6A7DD 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  
#A6A7DD }
```

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

```
.border{ border-color:#A6A7DD }
```

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

Here you see how a box with a 4 pixel #A6A7DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A7DD; -webkit-box-shadow:4px 4px  
4px 4px #A6A7DD; box-shadow:4px 4px 4px  
4px #A6A7DD }
```

# Background

The CSS property to change the background color of an element to Hex A6A7DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A7DD }
```

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

```
.background{ background-color:#A6A7DD }
```

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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