

# Converting Colors

Hex(A7AAF8)

Have a look what the booklet for  
Hex(A7AAF8) contains.

<b>Hex(A7AAF8)</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(A7AAF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7AAF8
RGB	167, 170, 248
RGB Percent	65%, 67%, 97%
CMY	0.3451, 0.3333, 0.0275
CMYK	0.33, 0.31, 0.00, 0.03
HSL	238°, 85%, 81%
HSV	238°, 33%, 97%
XYZ	47.2544, 43.7423, 94.7595
YIQ	177.9950, -26.8260, 23.6220

# Conversions

## Conversions Part 2

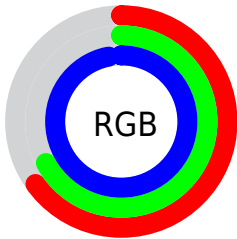
Format	Color
R <sub>YB</sub>	167, 170, 248
Decimal	10988280
CIE <sub>Lab</sub>	72.06, 16.55, -39.13
CIE <sub>LCh</sub>	72, 42.484, 292.925
Yxy	43.7423, 0.2544, 0.2355
Android (android.graphics.Color)	4289178360 (0xFFA7AAF8)
YUV	177.9950, 34.5125, -9.6426
Hunter-Lab	66.1379, 11.7937, -38.6515

# Details

The Hex color **A7AAF8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F8F5A7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E0E1FF**, and **7076BF** is the 20% darker color. If you saturate the color by 10%, you get **8E92F8**, and if you desaturate by 10%, it is **C0C2F8**.

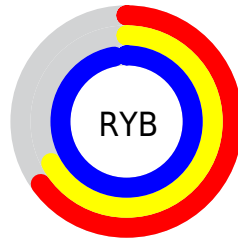
# Distribution



Red (65%)

Green (67%)

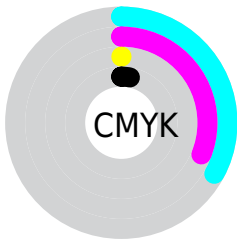
Blue (97%)



Red (65%)

Yellow (67%)

Blue (97%)

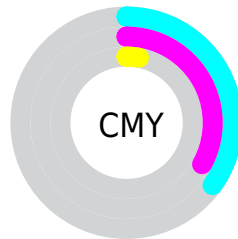


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (35%)

Magenta (33%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7AAF8 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 A7AAF8 by changing the saturation by 10% instead.



 A7AAF8

 A7AAF8

FFFFFF

 8B90DB

 E0E1FF

 7076BF

 FDFEFF

 565DA4

 3B4689

 1E3070

 001B57

 00013F

 000328

 000112

 A7AAF8

 A7AAF8

 8E92F8

 C0C2F8

 757AF8

 D9DAF8


 5D62F8

 F1F2F8

 444AF8

 FFFFF8

 2B33F8

 121BF8

 0009F8

# Harmonies

## Analogous

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



63B7FD



A7AAF8



D89CE0

# Triad

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



A7AAF8



EE9E74



45C5A6

# Complementary

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



A7AAF8



F8F5A7

# 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.



7EC080



A7AAF8



D2AB63

# Square

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



A7AAF8



FB9394



ABB767



00C5CE

# Rectangle

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



A7AAF8



EE95C8



ABB767



5BC499



# Sweetspot

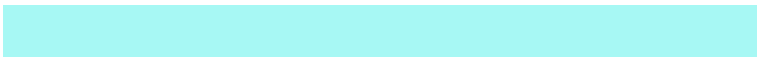
The Sweet Spot groups the original color and five complimentary colors.



A7AAF8



E6E6FF



A7F8F4



707180



000000



808080



# Same Dimension

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



A7AAF8



9C9FFF



CBA7F8



70717D



0007BD



00023D



# Inverse Universe

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



F8A7AA



FF9C9F



D4F8A7



7D7071



BD0007

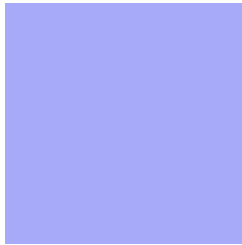


3D0002



# Previews

## White Background



This preview shows how the Hex color A7AAF8 looks on a white background.

## Color Contrast Check

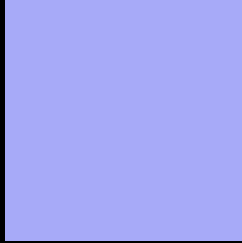
Large Text (above 18pt) WCAG AA × Fail

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 A7AAF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

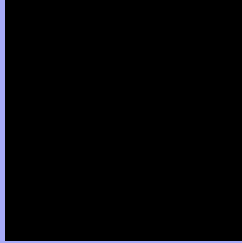
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7AAF8 Background



This preview shows how black text looks on a background with the Hex color A7AAF8.

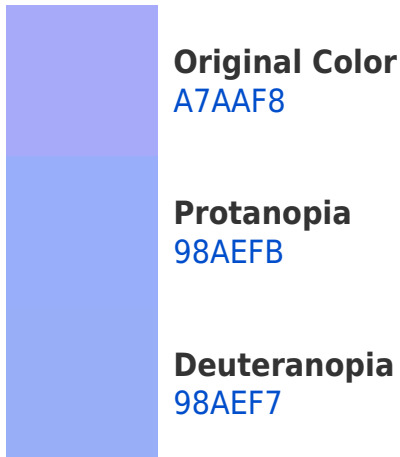


This preview shows how white text looks on a background with the Hex color A7AAF8.

# 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](#).

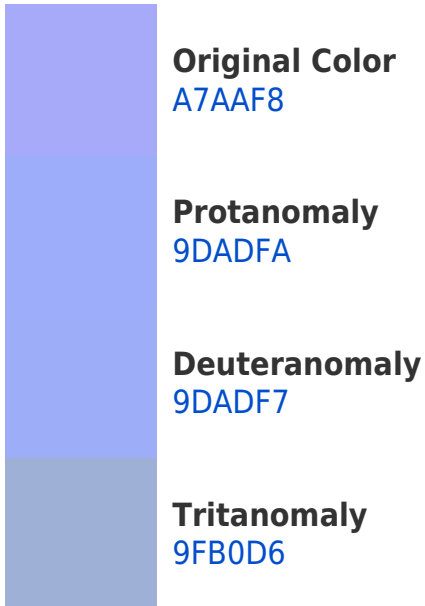
## Dichromacy



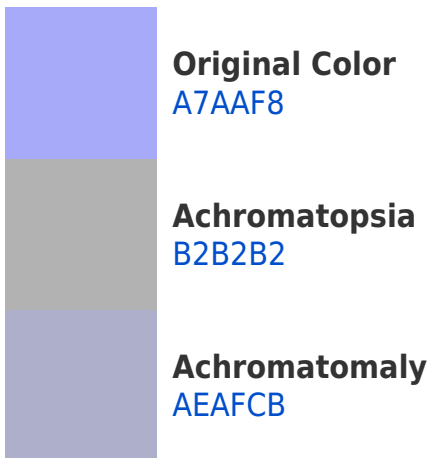


**Tritanopia**  
9BB4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7AAF8 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 #A7AAF8 looks like.

```
.text, #text, p{  
    color:#A7AAF8  
}
```

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 #A7AAF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7AAF8
}
```

## Border

The CSS property to change the border of an element to Hex A7AAF8 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
#A7AAF8 }
```

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

```
.border{ border-color:#A7AAF8 }
```

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

Here you see how a box with a 4 pixel #A7AAF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7AAF8; -webkit-box-shadow:4px 4px  
4px 4px #A7AAF8; box-shadow:4px 4px 4px  
4px #A7AAF8 }
```

# Background

The CSS property to change the background color of an element to Hex A7AAF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7AAF8 }
```

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

```
.background{ background-color:#A7AAF8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor