

# Converting Colors

Hex(A7B7F7)

Have a look what the booklet for  
Hex(A7B7F7) contains.

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# **Color**

**Hex(A7B7F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7B7F7
RGB	167, 183, 247
RGB Percent	65%, 72%, 97%
CMY	0.3451, 0.2824, 0.0314
CMYK	0.32, 0.26, 0.00, 0.03
HSL	228°, 83%, 81%
HSV	228°, 32%, 97%
XYZ	49.6583, 48.7979, 94.7973
YIQ	185.5120, -30.0800, 16.5120

# Conversions

## Conversions Part 2

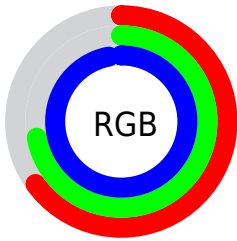
Format	Color
<a href="#">RYB</a>	<a href="#">167, 180, 247</a>
Decimal	<a href="#">10991607</a>
CIELab	<a href="#">75.33, 9.06, -33.52</a>
CIELCh	<a href="#">75, 34.720, 285.129</a>
Yxy	<a href="#">48.7979, 0.2570, 0.2525</a>
Android (android.graphics.Color)	<a href="#">4289181687 (0xFFA7B7F7)</a>
YUV	<a href="#">185.5120, 30.3136, -16.2350</a>
Hunter-Lab	<a href="#">69.8555, 4.6437, -31.5607</a>

# Details

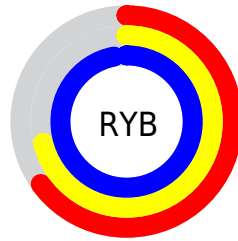
The Hex color **A7B7F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7E7A7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E0EFFF**, and **7182BE** is the 20% darker color. If you saturate the color by 10%, you get **8EA3F7**, and if you desaturate by 10%, it is **C0CBF7**.

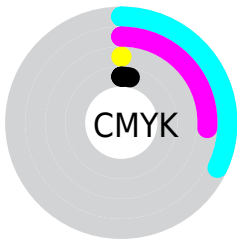
# Distribution



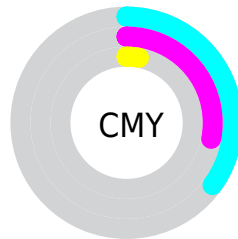
- Red (65%)
- Green (72%)
- Blue (97%)



- Red (65%)
- Yellow (71%)
- Blue (97%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (28%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7B7F7 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 A7B7F7 by changing the saturation by 10% instead.



 A7B7F7

 A7B7F7

FFFFFF

 8C9CDA

 E0EFFF

 7182BE

FDFFFF

 5669A3

 3C5189

 203A6F

 002556

 00113F

 000328

 000112

 A7B7F7

 A7B7F7

 8EA3F7

 C0CBF7

 768FF7

 D8DFF7

 5D7CF7

 F1F2F7

 4468F7

 FFFFF7

 2C54F7

 1340F7

 0031F7

# Harmonies

## Analogous

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



76C1F7



A7B7F7



D2ACE7

# Triad

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



A7B7F7



F3A88E



75CAA8

# Complementary

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



A7B7F7



F7E7A7

# 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.



9BC58B



A7B7F7



DEB27C

# Square

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



A7B7F7



F9A2AA



BFBD7B



53CBC9

# Rectangle

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



A7B7F7



E7A5D5



BFBD7B



82C99E



# Sweetspot

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



A7B7F7



E6EBFF



A7F7E7



707380



000000



808080



# Same Dimension

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



A7B7F7



9CAFFF



BFA7F7



6E717A



0025BA



000C3B



# Inverse Universe

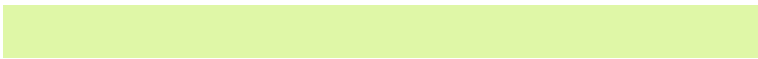
The Inverse Universe completely reimagines the original color for something new.



F7A7B7



FF9CAF



DFF7A7



7A6E71



BA0025

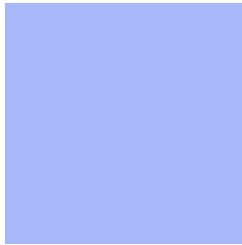


3B000C



# Previews

## White Background



This preview shows how the Hex color A7B7F7 looks on a white background.

## Color Contrast Check

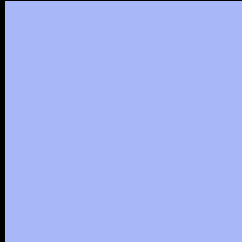
Large Text (above 18pt) WCAG AA × Fail

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 A7B7F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

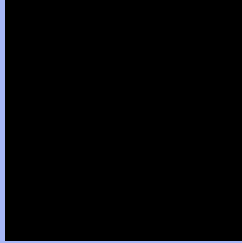
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7B7F7 Background



This preview shows how black text looks on a background with the Hex color A7B7F7.



This preview shows how white text looks on a background with the Hex color A7B7F7.

# 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**  
A7B7F7

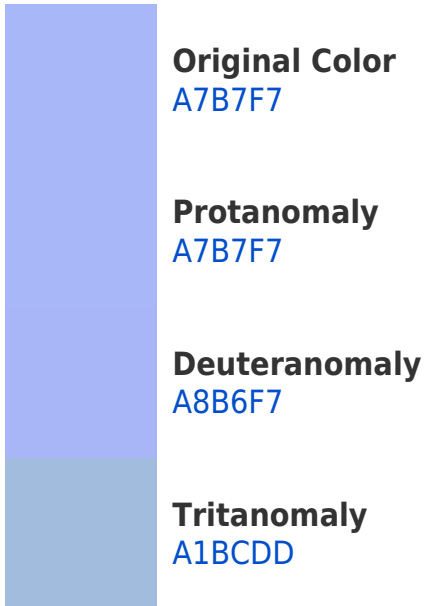
**Protanopia**  
A7B7F7

**Deuteranopia**  
A9B6F7

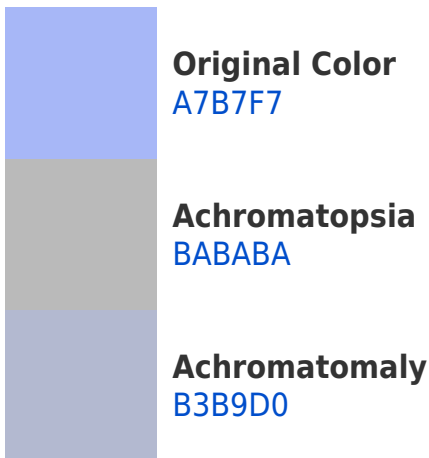


**Tritanopia**  
9EBFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7B7F7 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 #A7B7F7 looks like.

```
.text, #text, p{  
    color:#A7B7F7  
}
```

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 #A7B7F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7B7F7
}
```

## Border

The CSS property to change the border of an element to Hex A7B7F7 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
#A7B7F7 }
```

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

```
.border{ border-color:#A7B7F7 }
```

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

Here you see how a box with a 4 pixel #A7B7F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7B7F7; -webkit-box-shadow:4px 4px  
4px 4px #A7B7F7; box-shadow:4px 4px 4px  
4px #A7B7F7 }
```

# Background

The CSS property to change the background color of an element to Hex A7B7F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7B7F7 }
```

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

```
.background{ background-color:#A7B7F7 }
```

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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