

# Converting Colors

Hex(A5B5FE)

Have a look what the booklet for  
Hex(A5B5FE) contains.

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# **Color**

**Hex(A5B5FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5B5FE
RGB	165, 181, 254
RGB Percent	65%, 71%, 100%
CMY	0.3529, 0.2902, 0.0039
CMYK	0.35, 0.29, 0.00, 0.00
HSL	229°, 98%, 82%
HSV	229°, 35%, 100%
XYZ	49.9303, 48.2028, 100.4384
YIQ	184.5380, -32.9690, 19.3110

# Conversions

## Conversions Part 2

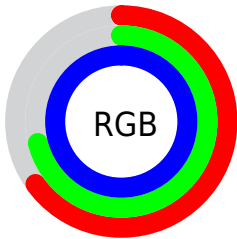
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 179, 254
Decimal	10860030
CIE <sub>Lab</sub>	74.95, 11.40, -37.87
CIE <sub>LCh</sub>	75, 39.554, 286.754
Yxy	48.2028, 0.2514, 0.2427
Android (android.graphics.Color)	4289050110 (0xFFA5B5FE)
YUV	184.5380, 34.2448, -17.1348
Hunter-Lab	69.4283, 6.8713, -37.1721

# Details

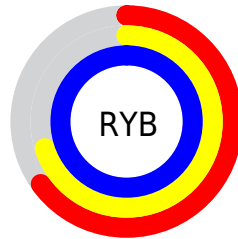
The Hex color **A5B5FE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FEEEA5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **DEEDFF**, and **6E80C5** is the 20% darker color. If you saturate the color by 10%, you get **8CA0FE**, and if you desaturate by 10%, it is **BECAFE**.

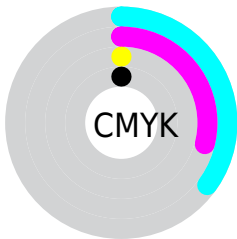
# Distribution



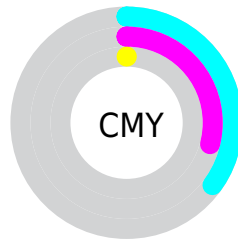
- Red (65%)
- Green (71%)
- Blue (100%)



- Red (65%)
- Yellow (70%)
- Blue (100%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5B5FE 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 A5B5FE by changing the saturation by 10% instead.



 A5B5FE

 A5B5FE

FFFFFF

 899AE1

 DEEDFF

 6E80C5

 FBFFFF

 5367AA


 37508F

 183975

 00245C

 000F44

 00032D

 000117

 A5B5FE

 A5B5FE

 8CA0FE

 BECAFE

 728BFE

 D8DFFE

 5976FE

 F1F4FE

 3F62FE

FFFFFFE

 264DFE

 0D38FE

 002EFE

# Harmonies

## Analogous

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



68C1FF



A5B5FE



D6A8EB

# Triad

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



A5B5FE



F7A485



65CBA7

# Complementary

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



A5B5FE



FEEEA5

# 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.



93C685



A5B5FE



DFB172

# Square

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



A5B5FE



FF9DA5



BCBD72



31CCCC

# Rectangle

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



A5B5FE



EDA1D6



BCBD72



75CA9B



# Sweetspot

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



A5B5FE



E3E8FF



A5FEEE



6F7280



000000



808080



# Same Dimension

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



A5B5FE



94A7FF



C1A5FE



737580



0022BF



000B40



# Inverse Universe

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



FEA5B5



FF94A7



E2FEA5



807375



BF0022

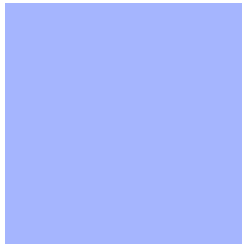


40000B



# Previews

## White Background



This preview shows how the Hex color A5B5FE looks on a white background.

## Color Contrast Check

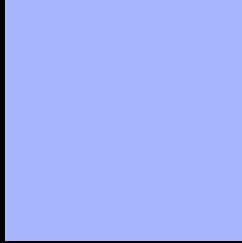
Large Text (above 18pt) WCAG AA × Fail

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 A5B5FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

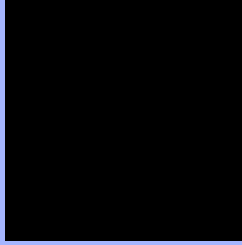
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5B5FE Background



This preview shows how black text looks on a background with the Hex color A5B5FE.



This preview shows how white text looks on a background with the Hex color A5B5FE.

# 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**  
A5B5FE

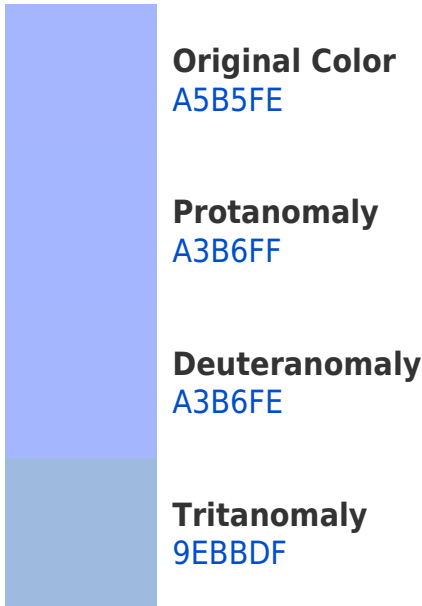
**Protanopia**  
A2B6FF

**Deuteranopia**  
A2B6FE

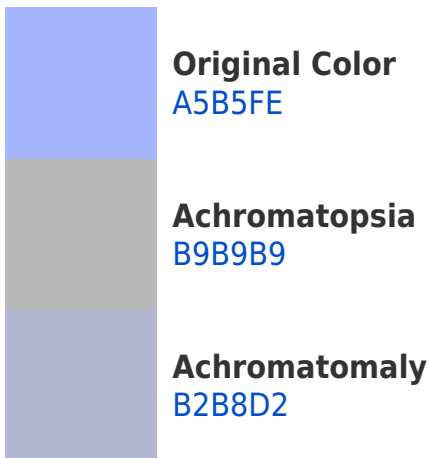


**Tritanopia**  
9ABECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5B5FE 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 #A5B5FE looks like.

```
.text, #text, p{  
    color:#A5B5FE  
}
```

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 #A5B5FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5B5FE
}
```

## Border

The CSS property to change the border of an element to Hex A5B5FE 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
#A5B5FE }
```

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

```
.border{ border-color:#A5B5FE }
```

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

Here you see how a box with a 4 pixel #A5B5FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5B5FE; -webkit-box-shadow:4px 4px  
4px 4px #A5B5FE; box-shadow:4px 4px 4px  
4px #A5B5FE }
```

# Background

The CSS property to change the background color of an element to Hex A5B5FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5B5FE }
```

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

```
.background{ background-color:#A5B5FE }
```

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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