

# Converting Colors

Hex(A5B4F2)

Have a look what the booklet for  
Hex(A5B4F2) contains.

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# **Color**

**Hex(A5B4F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5B4F2
RGB	165, 180, 242
RGB Percent	65%, 71%, 95%
CMY	0.3529, 0.2941, 0.0510
CMYK	0.32, 0.26, 0.00, 0.05
HSL	228°, 75%, 80%
HSV	228°, 32%, 95%
XYZ	47.8653, 47.0527, 90.5637
YIQ	182.5830, -28.8420, 16.1020

# Conversions

## Conversions Part 2

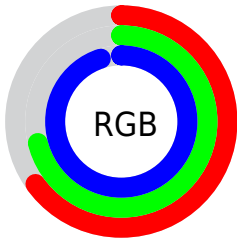
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 178, 242
Decimal	10859762
CIE <sub>Lab</sub>	74.22, 8.91, -32.53
CIE <sub>LCh</sub>	74, 33.727, 285.310
Yxy	47.0527, 0.2581, 0.2537
Android (android.graphics.Color)	4289049842 (0xFFA5B4F2)
YUV	182.5830, 29.2926, -15.4203
Hunter-Lab	68.5949, 4.5156, -30.2622

# Details

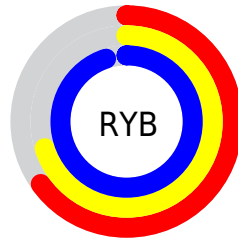
The Hex color **A5B4F2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F2E3A5**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **DEECFF**, and **6F7FBA** is the 20% darker color. If you saturate the color by 10%, you get **8DA1F2**, and if you desaturate by 10%, it is **BDC7F2**.

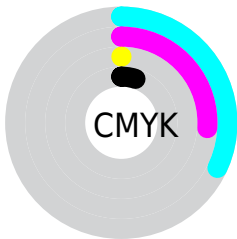
# Distribution



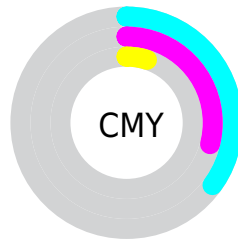
- Red (65%)
- Green (71%)
- Blue (95%)



- Red (65%)
- Yellow (70%)
- Blue (95%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (29%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5B4F2 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 A5B4F2 by changing the saturation by 10% instead.



 A5B4F2

 A5B4F2

FFFFFF

 8A99D5

 DEECFF

 6F7FBA

 FBFFFF

 54669F

 3A4F84

 1F386B

 002352

 000D3B

 000225

 00010D

 A5B4F2

 A5B4F2

 8DA1F2

 BDC7F2

 758DF2

 D5DBF2

 5C7AF2

 EEEEF2

 4466F2

 FFFFF2

 2C53F2

 143FF2

 002FF2

# Harmonies

## Analogous

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



76BEF2



A5B4F2



CEA9E2

# Triad

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



A5B4F2



EEA58C



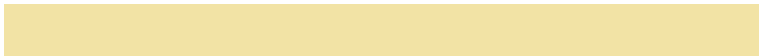
74C6A6

# Complementary

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



A5B4F2



F2E3A5

# 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.



99C28A



A5B4F2



DAAF7B

# Square

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



A5B4F2



F49FA8



BCBA7A



55C7C6

# Rectangle

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



A5B4F2



E3A3D1



BCBA7A



80C59C



# Sweetspot

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



A5B4F2



E6EAFF



A5F2E3



707380



000000



808080



# Same Dimension

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



A5B4F2



9EB1FF



BCA5F2



6C6E78



0024B8



000B38



# Inverse Universe

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



F2A5B4



FF9EB1



DBF2A5



786C6E



B80024

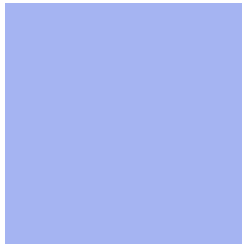


38000B



# Previews

## White Background



This preview shows how the Hex color A5B4F2 looks on a white background.

## Color Contrast Check

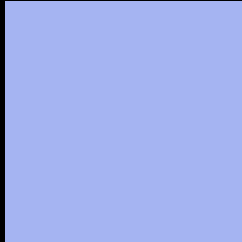
Large Text (above 18pt) WCAG AA × Fail

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 A5B4F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

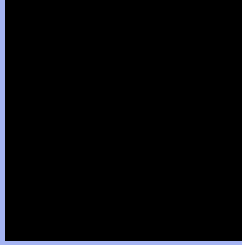
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5B4F2 Background



This preview shows how black text looks on a background with the Hex color A5B4F2.



This preview shows how white text looks on a background with the Hex color A5B4F2.

# 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**  
A5B4F2

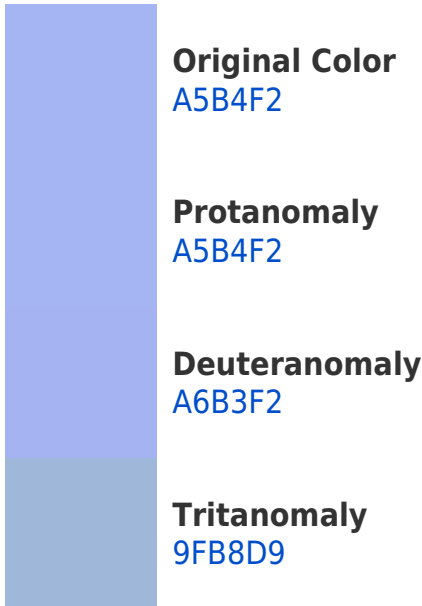
**Protanopia**  
A5B4F2

**Deuteranopia**  
A7B3F2

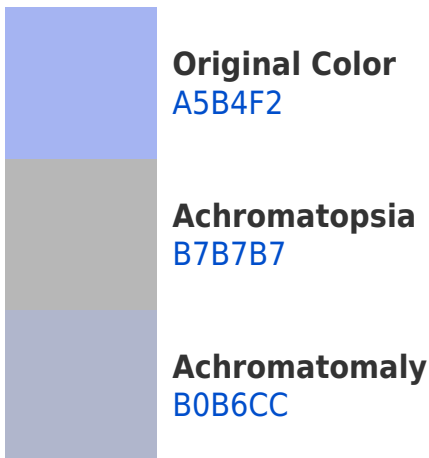


**Tritanopia**  
9CBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5B4F2 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 #A5B4F2 looks like.

```
.text, #text, p{  
    color:#A5B4F2  
}
```

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 #A5B4F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5B4F2
}
```

## Border

The CSS property to change the border of an element to Hex A5B4F2 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
#A5B4F2 }
```

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

```
.border{ border-color:#A5B4F2 }
```

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

Here you see how a box with a 4 pixel #A5B4F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5B4F2; -webkit-box-shadow:4px 4px  
4px 4px #A5B4F2; box-shadow:4px 4px 4px  
4px #A5B4F2 }
```

# Background

The CSS property to change the background color of an element to Hex A5B4F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5B4F2 }
```

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

```
.background{ background-color:#A5B4F2 }
```

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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