

# Converting Colors

Hex(A5B3F1)

Have a look what the booklet for  
Hex(A5B3F1) contains.

<b>Hex(A5B3F1)</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(A5B3F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5B3F1
RGB	165, 179, 241
RGB Percent	65%, 70%, 95%
CMY	0.3529, 0.2980, 0.0549
CMYK	0.32, 0.26, 0.00, 0.05
HSL	229°, 73%, 80%
HSV	229°, 32%, 95%
XYZ	47.5143, 46.5904, 89.7077
YIQ	181.8820, -28.2460, 16.3140

# Conversions

## Conversions Part 2

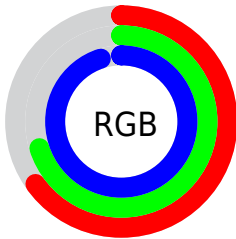
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 177, 241</a>
Decimal	<a href="#">10859505</a>
CIELab	<a href="#">73.93, 9.21, -32.45</a>
CIELCh	<a href="#">74, 33.728, 285.844</a>
Yxy	<a href="#">46.5904, 0.2585, 0.2535</a>
Android (android.graphics.Color)	<a href="#">4289049585</a> ( <a href="#">0xFFA5B3F1</a> )
YUV	<a href="#">181.8820, 29.1452, -14.8055</a>
Hunter-Lab	<a href="#">68.2572, 4.8052, -30.1425</a>

# Details

The Hex color **A5B3F1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F1E3A5**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **DDEBFF**, and **6F7EB9** is the 20% darker color. If you saturate the color by 10%, you get **8D9FF1**, and if you desaturate by 10%, it is **BDC7F1**.

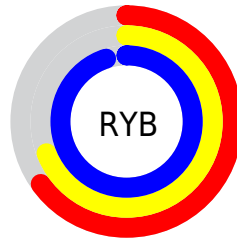
# Distribution



Red (65%)

Green (70%)

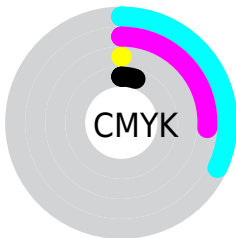
Blue (95%)



Red (65%)

Yellow (69%)

Blue (95%)

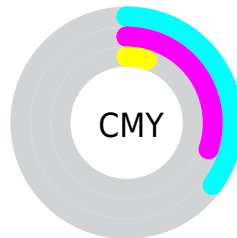


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (30%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5B3F1 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 A5B3F1 by changing the saturation by 10% instead.



 A5B3F1

 A5B3F1

FFFFFF

 8A98D5

 DDEBFF

 6F7EB9

 FBFFFF

 55669E

 3A4E83

 1F376A

 002251

 000C3A

 000224

 00000B

 A5B3F1

 A5B3F1

 8D9FF1

 BDC7F1

 758CF1

 D5DAF1

 5D78F1

 EDEEF1

 4564F1

 FFFFF1

 2D51F1

 143DF1

 002CF1

# Harmonies

## Analogous

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



76BDF1



A5B3F1



CEA8E1

# Triad

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



A5B3F1



EDA58B



73C6A6

# Complementary

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



A5B3F1



F1E3A5

# 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.



98C18A



A5B3F1



D8AF7A

# Square

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



A5B3F1



F39FA6



BAB97A



53C7C5

# Rectangle

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



A5B3F1



E2A2D0



BAB97A



7FC49B



# Sweetspot

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



A5B3F1



E8ECFF



A5F1E2



717480



000000



808080



# Same Dimension

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



A5B3F1



9EB0FF



BCA5F1



6C6E78



0022B8



000A38



# Inverse Universe

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



F1A5B3



FF9EB0



DAF1A5



786C6E



B80022

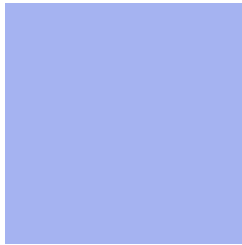


38000A



# Previews

## White Background



This preview shows how the Hex color A5B3F1 looks on a white background.

## Color Contrast Check

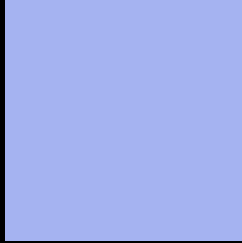
Large Text (above 18pt) WCAG AA × Fail

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 A5B3F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

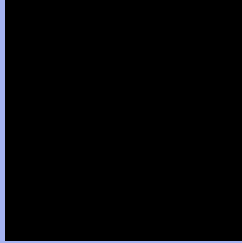
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5B3F1 Background



This preview shows how black text looks on a background with the Hex color A5B3F1.



This preview shows how white text looks on a background with the Hex color A5B3F1.

# 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**  
A5B3F1

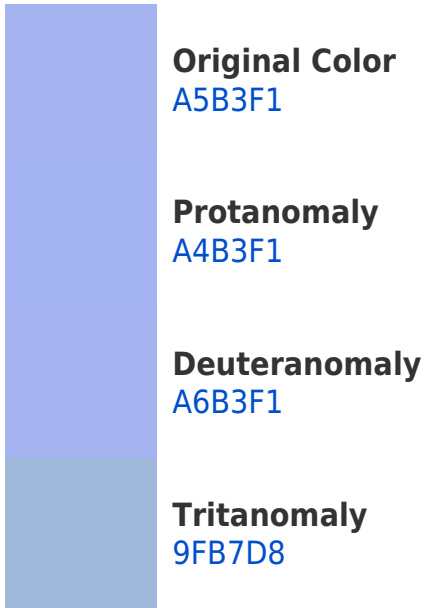
**Protanopia**  
A4B3F1

**Deuteranopia**  
A6B3F1

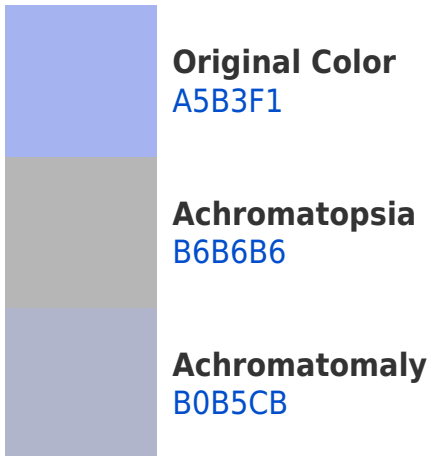


**Tritanopia**  
9CBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5B3F1 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 #A5B3F1 looks like.

```
.text, #text, p{  
    color:#A5B3F1  
}
```

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 #A5B3F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5B3F1
}
```

## Border

The CSS property to change the border of an element to Hex A5B3F1 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
#A5B3F1 }
```

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

```
.border{ border-color:#A5B3F1 }
```

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

Here you see how a box with a 4 pixel #A5B3F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5B3F1; -webkit-box-shadow:4px 4px  
4px 4px #A5B3F1; box-shadow:4px 4px 4px  
4px #A5B3F1 }
```

# Background

The CSS property to change the background color of an element to Hex A5B3F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5B3F1 }
```

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

```
.background{ background-color:#A5B3F1 }
```

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