

# Converting Colors

Hex(A9BCF5)

Have a look what the booklet for  
Hex(A9BCF5) contains.

<b>Hex(A9BCF5)</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(A9BCF5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9BCF5
RGB	169, 188, 245
RGB Percent	66%, 74%, 96%
CMY	0.3373, 0.2627, 0.0392
CMYK	0.31, 0.23, 0.00, 0.04
HSL	225°, 79%, 81%
HSV	225°, 31%, 96%
XYZ	50.8268, 50.9940, 93.5502
YIQ	188.8170, -29.6210, 13.6990

# Conversions

## Conversions Part 2

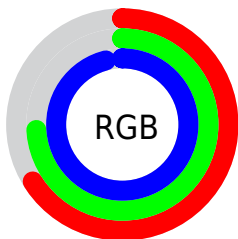
Format	Color
R <sub>Y</sub> B	169, 184, 245
Decimal	11123957
CIE Lab	76.68, 6.38, -30.35
CIE LCh	77, 31.011, 281.867
Yxy	50.9940, 0.2602, 0.2610
Android (android.graphics.Color)	4289314037 (0xFFA9BCF5)
YUV	188.8170, 27.6982, -17.3795
Hunter-Lab	71.4101, 2.0814, -27.6853

# Details

The Hex color **A9BCF5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F5E2A9**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E2F4FF**, and **7387BD** is the 20% darker color. If you saturate the color by 10%, you get **91AAF5**, and if you desaturate by 10%, it is **C2CEF5**.

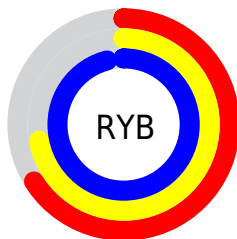
# Distribution



Red (66%)

Green (74%)

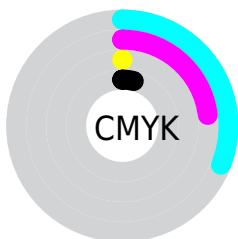
Blue (96%)



Red (66%)

Yellow (72%)

Blue (96%)

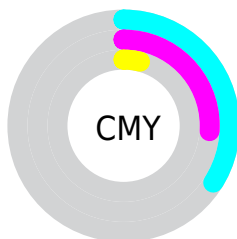


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (34%)

Magenta (26%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9BCF5 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 A9BCF5 by changing the saturation by 10% instead.



 A9BCF5

 A9BCF5

FFFFFF

 8EA1D8

 E2F4FF

 7387BD

 586EA1

 3E5687

 233F6D

 002955

 00153D

 000327

 000111

 A9BCF5

 A9BCF5

 91AAF5

 C2CEF5

 7897F5

 DAE1F5

 5F85F5

 F3F3F5

 4772F5

 FFFFF5

 2E60F5

 164EF5

 003DF5

# Harmonies

## Analogous

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



80C5F3



A9BCF5



D0B2E8

# Triad

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



A9BCF5



F3AD98



85CCAA

# Complementary

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



A9BCF5



F5E2A9

# 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.



A6C792



A9BCF5



E1B587

# Square

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



A9BCF5



F7A8B3



C6BF85



6ACDC8

# Rectangle

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



A9BCF5



E3ACD9



C6BF85



90CBA1



# Sweetspot

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



A9BCF5



E8EEFF



A9F5E2



717580



000000



808080



# Same Dimension

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



A9BCF5



A1B8FF



BCA9F5



6E717A



002FBA



000F3B



# Inverse Universe

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



F5A9BC



FFA1B8



E2F5A9



7A6E71



BA002F



3B000F



# Previews

## White Background



This preview shows how the Hex color A9BCF5 looks on a white background.

## Color Contrast Check

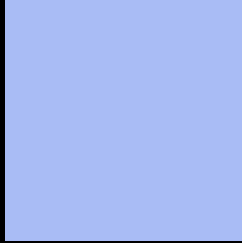
Large Text (above 18pt) WCAG AA × Fail

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 A9BCF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

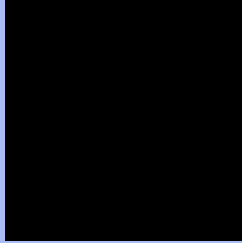
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9BCF5 Background



This preview shows how black text looks on a background with the Hex color A9BCF5.



This preview shows how white text looks on a background with the Hex color A9BCF5.

# 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



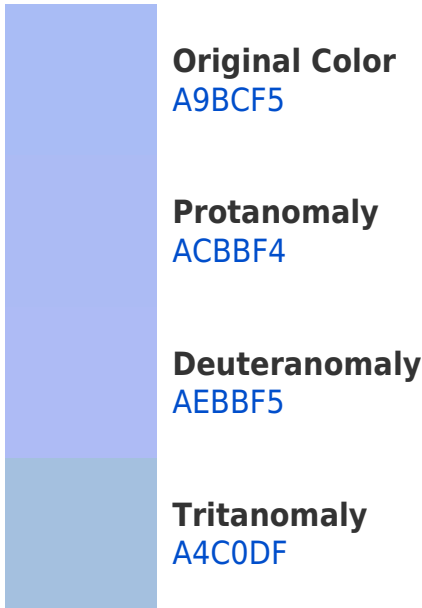
**Original Color**  
A9BCF5

**Protanopia**  
AEBBF4

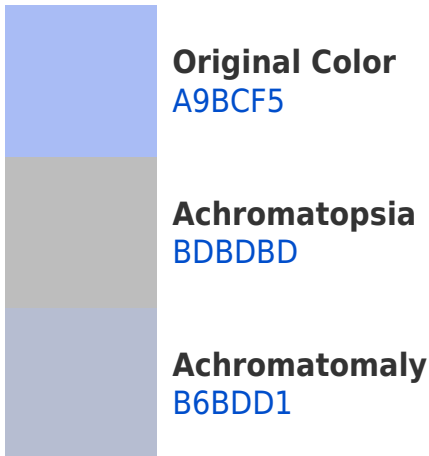
**Deuteranopia**  
B1BAF5



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9BCF5 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 #A9BCF5 looks like.

```
.text, #text, p{  
    color:#A9BCF5  
}
```

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 #A9BCF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9BCF5  
}
```

## Border

The CSS property to change the border of an element to Hex A9BCF5 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  
#A9BCF5 }
```

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

```
.border{ border-color:#A9BCF5 }
```

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

Here you see how a box with a 4 pixel #A9BCF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9BCF5; -webkit-box-shadow:4px 4px  
4px 4px #A9BCF5; box-shadow:4px 4px 4px  
4px #A9BCF5 }
```

# Background

The CSS property to change the background color of an element to Hex A9BCF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9BCF5 }
```

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

```
.background{ background-color:#A9BCF5 }
```

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