

# Converting Colors

Hex(A8BCF4)

Have a look what the booklet for  
Hex(A8BCF4) contains.

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# **Color**

**Hex(A8BCF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8BCF4
RGB	168, 188, 244
RGB Percent	66%, 74%, 96%
CMY	0.3412, 0.2627, 0.0431
CMYK	0.31, 0.23, 0.00, 0.04
HSL	224°, 78%, 81%
HSV	224°, 31%, 96%
XYZ	50.4608, 50.8229, 92.7382
YIQ	188.4040, -29.8960, 13.1760

# Conversions

## Conversions Part 2

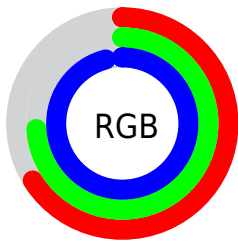
Format	Color
R <sub>Y</sub> B	168, 184, 244
Decimal	11058420
CIE Lab	76.57, 5.85, -29.98
CIE LCh	77, 30.540, 281.039
Yxy	50.8229, 0.2601, 0.2619
Android (android.graphics.Color)	4289248500 (0xFFA8BCF4)
YUV	188.4040, 27.4088, -17.8943
Hunter-Lab	71.2902, 1.5885, -27.2245

# Details

The Hex color **A8BCF4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F4E0A8**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E1F4FF**, and **7287BC** is the 20% darker color. If you saturate the color by 10%, you get **90AAF4**, and if you desaturate by 10%, it is **C0CEF4**.

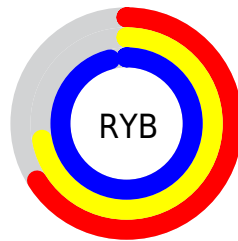
# Distribution



Red (66%)

Green (74%)

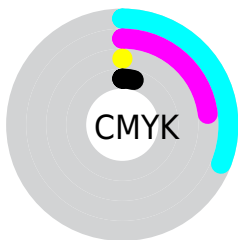
Blue (96%)



Red (66%)

Yellow (72%)

Blue (96%)

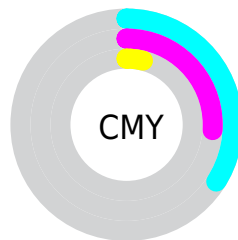


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (34%)

Magenta (26%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8BCF4 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 A8BCF4 by changing the saturation by 10% instead.



 A8BCF4

 A8BCF4

FFFFFF

 8DA1D7

 E1F4FF

 7287BC

FEFFFF

 586EA0

 3D5686

 223F6D

 002954

 00153D

 000326

 000110

 A8BCF4

 A8BCF4

 90AAF4

 C0CEF4

 7798F4

 D9E0F4

 5F86F4

 F1F2F4

 4674F4

 FFFFF4

 2E62F4

 1650F4

 0040F4

# Harmonies

## Analogous

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



80C5F2



A8BCF4



CEB2E8

# Triad

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



A8BCF4



F2AC99



87CBAA

# Complementary

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



A8BCF4



F4E0A8

# 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.



A7C692



A8BCF4



E1B588

# Square

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



A8BCF4



F6A8B3



C7BE85



6CCDC7

# Rectangle

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



A8BCF4



E2ACD9



C7BE85



91CAA1



# Sweetspot

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



A8BCF4



E8EEFF



A8F4E0



717580



000000



808080



# Same Dimension

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



A8BCF4



A1B9FF



BAA8F4



6E717A



0031BA



000F3B



# Inverse Universe

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



F4A8BC



FFA1B9



E2F4A8



7A6E71



BA0031

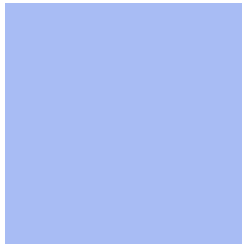


3B000F



# Previews

## White Background



This preview shows how the Hex color A8BCF4 looks on a white background.

## Color Contrast Check

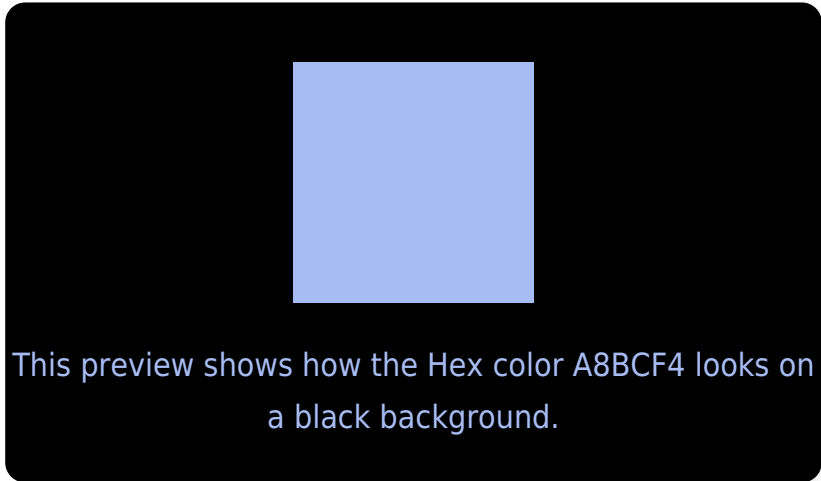
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

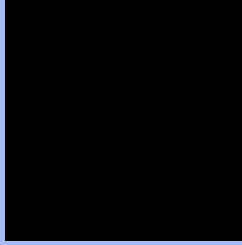
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

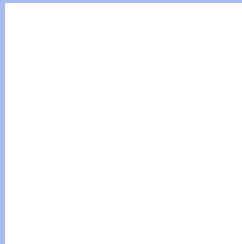
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8BCF4 Background



This preview shows how black text looks on a background with the Hex color A8BCF4.



This preview shows how white text looks on a background with the Hex color A8BCF4.

# 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



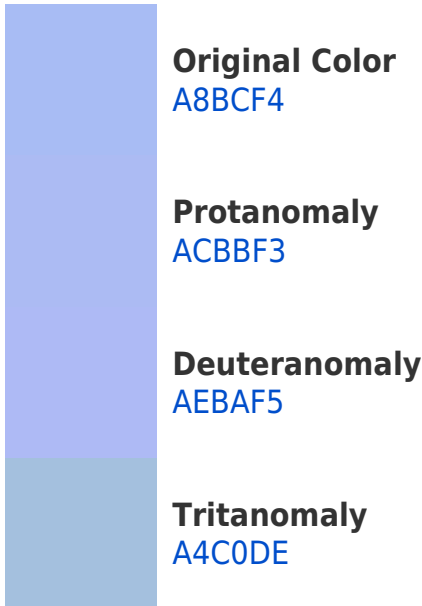
**Original Color**  
A8BCF4

**Protanopia**  
AEBAF3

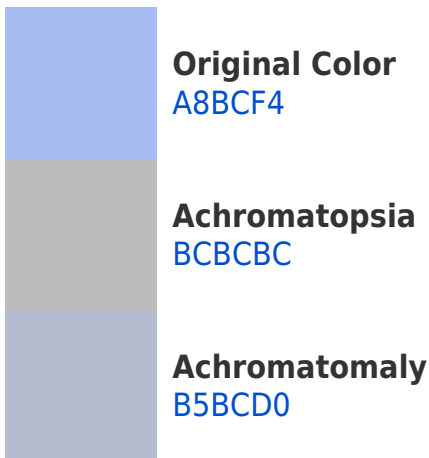
**Deuteranopia**  
B1B9F5



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8BCF4 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 #A8BCF4 looks like.

```
.text, #text, p{  
    color:#A8BCF4  
}
```

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 #A8BCF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8BCF4
}
```

## Border

The CSS property to change the border of an element to Hex A8BCF4 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
#A8BCF4 }
```

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

```
.border{ border-color:#A8BCF4 }
```

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

Here you see how a box with a 4 pixel #A8BCF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8BCF4; -webkit-box-shadow:4px 4px  
4px 4px #A8BCF4; box-shadow:4px 4px 4px  
4px #A8BCF4 }
```

# Background

The CSS property to change the background color of an element to Hex A8BCF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8BCF4 }
```

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

```
.background{ background-color:#A8BCF4 }
```

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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