

# Converting Colors

Hex(A8BFED)

Have a look what the booklet for  
Hex(A8BFED) contains.

<b>Hex(A8BFED)</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(A8BFED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8BFED
RGB	168, 191, 237
RGB Percent	66%, 75%, 93%
CMY	0.3412, 0.2510, 0.0706
CMYK	0.29, 0.19, 0.00, 0.07
HSL	220°, 66%, 79%
HSV	220°, 29%, 93%
XYZ	50.0653, 51.7009, 87.4613
YIQ	189.3670, -28.4740, 9.4300

# Conversions

## Conversions Part 2

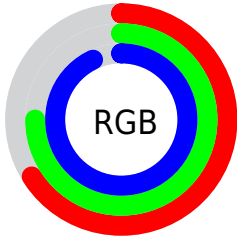
Format	Color
R <sub>Y</sub> B	168, 185, 237
Decimal	11059181
CIE Lab	77.10, 2.50, -25.40
CIE LCh	77, 25.518, 275.629
Yxy	51.7009, 0.2646, 0.2732
Android (android.graphics.Color)	4289249261 (0xFFA8BFED)
YUV	189.3670, 23.4831, -18.7389
Hunter-Lab	71.9033, -1.5436, -21.7865

# Details

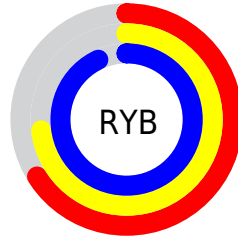
The Hex color **A8BFED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDD6A8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E0F7FF**, and **728AB5** is the 20% darker color. If you saturate the color by 10%, you get **90AFED**, and if you desaturate by 10%, it is **C0CFED**.

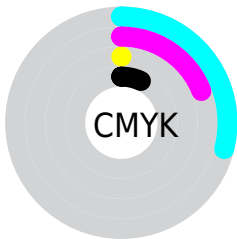
# Distribution



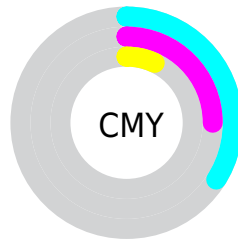
- Red (66%)
- Green (75%)
- Blue (93%)



- Red (66%)
- Yellow (73%)
- Blue (93%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (34%)
- Magenta (25%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8BFED 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 A8BFED by changing the saturation by 10% instead.



 A8BFED

 A8BFED

FFFFFF

 8DA4D1

 E0F7FF

 728AB5

FDFEFF

 58709A

 3F5880

 254167

 052B4F

 001737

 000222

 000008

 A8BFED

 A8BFED

 90AFED

 C0CFED

 799FED

 D7DFED

 6190ED

 EFEEED

 4980ED

 FFFEED

 3170ED

 FFFFED

 1A60ED

 0250ED

 004FED

# Harmonies

## Analogous

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



8AC6E9



A8BFED



C8B7E5

# Triad

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



A8BFED



EDB0A4



97CAAA

# Complementary

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



A8BFED



EDD6A8

# 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.



B1C598



A8BFED



E1B694

# Square

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



A8BFED



EEADBB



CCBE8F



81CCC2

# Rectangle

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



A8BFED



DAB2D9



CCBE8F



9FC9A3

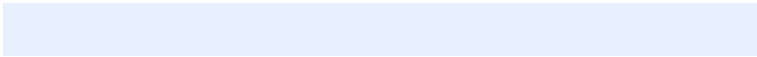


# Sweetspot

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



A8BFED



E8F0FF



A8EDD6



717680



000000



808080



# Same Dimension

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



A8BFED



A6C3FF



B3A8ED



6A6D75



003CB5



001236



# Inverse Universe

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



EDA8BF



FFA6C3



E1EDA8



756A6D



B5003C

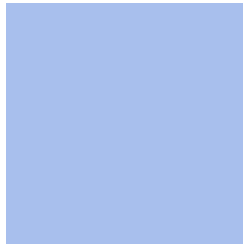


360012



# Previews

## White Background



This preview shows how the Hex color A8BFED looks on a white background.

## Color Contrast Check

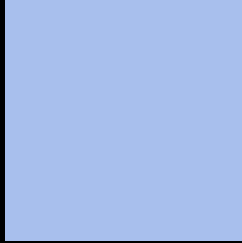
Large Text (above 18pt) WCAG AA × Fail

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 A8BFED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

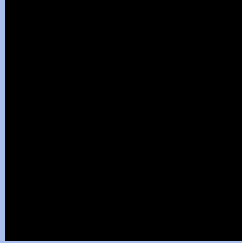
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

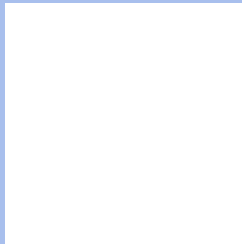
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8BFED Background



This preview shows how black text looks on a background with the Hex color A8BFED.

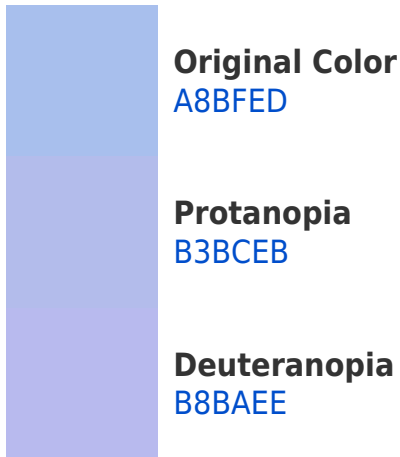


This preview shows how white text looks on a background with the Hex color A8BFED.

# 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](#).

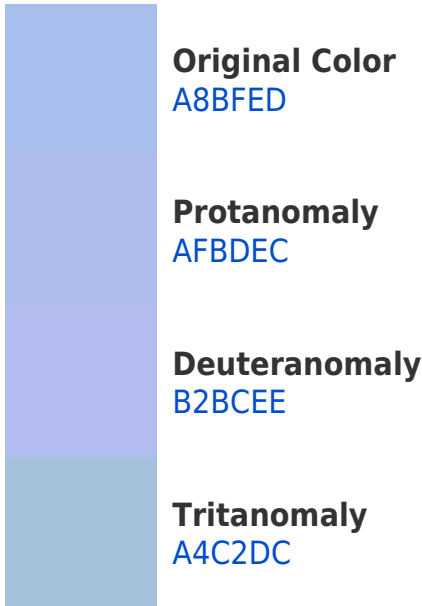
## Dichromacy



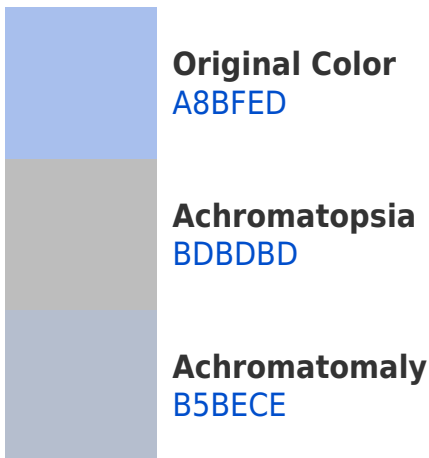


**Tritanopia**  
A2C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8BFED 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 #A8BFED looks like.

```
.text, #text, p{  
    color:#A8BFED  
}
```

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 #A8BFED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8BFED
}
```

## Border

The CSS property to change the border of an element to Hex A8BFED is called "border". The border property can be set on classes, ids or directly on the HTML element.

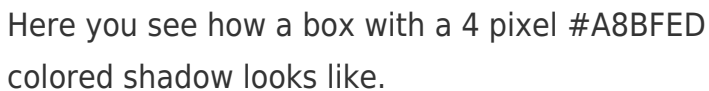
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A8BFED }
```

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

```
.border{ border-color:#A8BFED }
```

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



Here you see how a box with a 4 pixel `#A8BFED` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8BFED; -webkit-box-shadow:4px 4px  
4px 4px #A8BFED; box-shadow:4px 4px 4px  
4px #A8BFED }
```

# Background

The CSS property to change the background color of an element to Hex A8BFED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8BFED }
```

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

```
.background{ background-color:#A8BFED }
```

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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