

# Converting Colors

Hex(8ACAF6)

Have a look what the booklet for  
Hex(8ACAF6) contains.

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# **Color**

**Hex(8ACAF6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ACAF6
RGB	138, 202, 246
RGB Percent	54%, 79%, 96%
CMY	0.4588, 0.2078, 0.0353
CMYK	0.44, 0.18, 0.00, 0.04
HSL	204°, 86%, 75%
HSV	204°, 44%, 96%
XYZ	48.2363, 54.2982, 95.1270
YIQ	187.8800, -52.2680, 0.1160

# Conversions

## Conversions Part 2

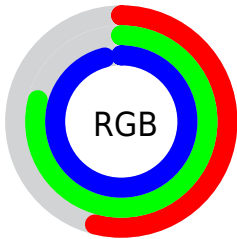
Format	Color
R <sub>Y</sub> B	138, 178, 246
Decimal	9095926
CIE Lab	78.64, -9.09, -28.03
CIE LCh	79, 29.467, 252.040
Yxy	54.2982, 0.2440, 0.2747
Android (android.graphics.Color)	4287286006 (0xFF8ACAF6)
YUV	187.8800, 28.6532, -43.7448
Hunter-Lab	73.6873, -12.1051, -24.9597

# Details

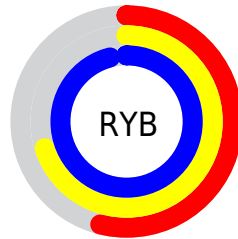
The Hex color **8ACAF6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6B68A**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C3FFFF**, and **5194BE** is the 20% darker color. If you saturate the color by 10%, you get **71C0F6**, and if you desaturate by 10%, it is **A3D4F6**.

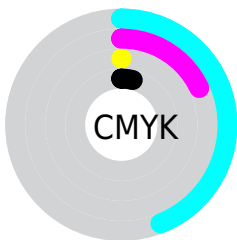
# Distribution



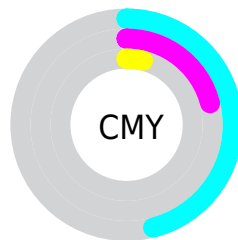
- Red (54%)
- Green (79%)
- Blue (96%)



- Red (54%)
- Yellow (70%)
- Blue (96%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (21%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ACAF6 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 8ACAF6 by changing the saturation by 10% instead.




 8ACAF6

 8ACAF6

FFFFFF

 6EAFD9

 C3FFFF

 5194BE

 E1FFFF

 327AA2

FEFFFF

 056188

 004A6F

 003356

 001E3E

 000329

 000112

■ 8ACAF6

■ 8ACAF6

■ 71C0F6

■ A3D4F6

■ 59B6F6

■ BBDEF6

■ 40ACF6

■ D4E8F6

■ 28A2F6

■ ECF2F6

■ 0F98F6

■ FFFCF6

■ 0092F6

■ FFFFF6

# Harmonies

## Analogous

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



72D0E6



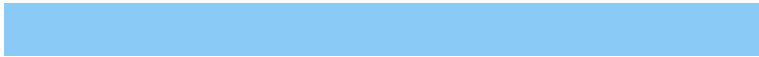
8ACAF6



B0C1F8

# Triad

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



8ACAF6



FAAFB8



ADCC99

# Complementary

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



8ACAF6



F6B68A

# 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.



CBC48D



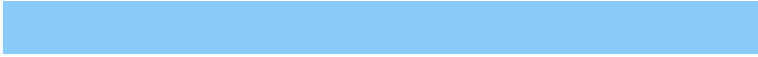
8ACAF6



F6B39F

# Square

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



8ACAF6



EFB1D4



E5BB8F



8DD1B1

# Rectangle

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



8ACAF6



C9BBF1



E5BB8F



B7CA94

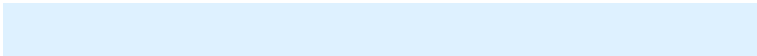


# Sweetspot

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



8ACAF6



DEF1FF



8AF6B5



6B7780



000000



808080

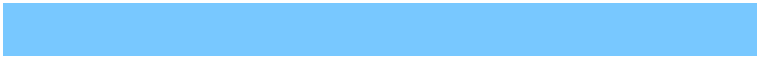


# Same Dimension

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



8ACAF6



78C8FF



8A95F6



6E757A



006EBA



00233B



# Inverse Universe

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



F68ACA



FF78C8



F6EB8A



7A6E75



BA006E

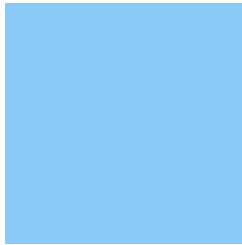


3B0023



# Previews

## White Background



This preview shows how the Hex color 8ACAF6 looks on a white background.

## Color Contrast Check

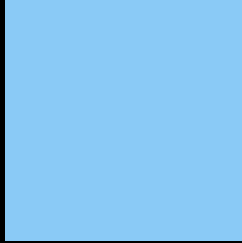
Large Text (above 18pt) WCAG AA × Fail

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 8ACAF6 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

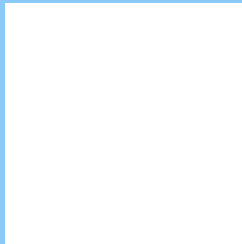
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8ACAF6 Background



This preview shows how black text looks on a background with the Hex color 8ACAF6.

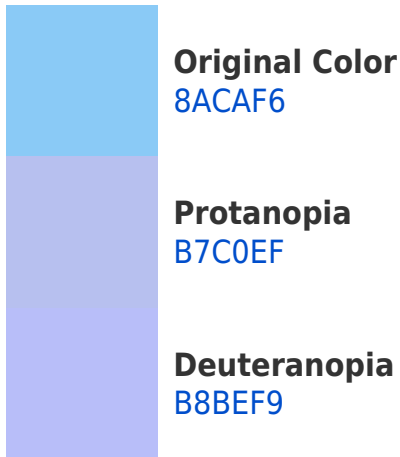


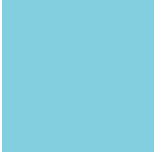
This preview shows how white text looks on a background with the Hex color 8ACAF6.

# 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](#).

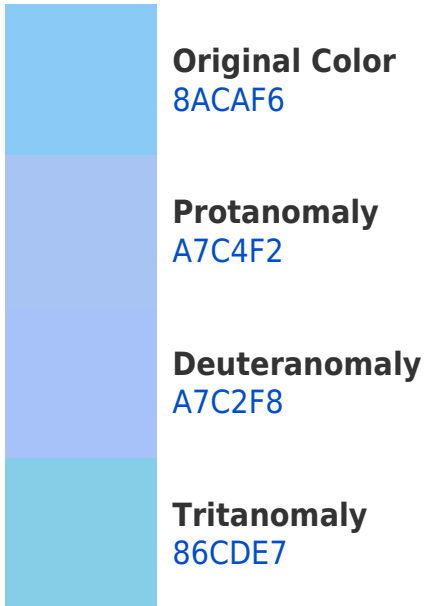
## Dichromacy



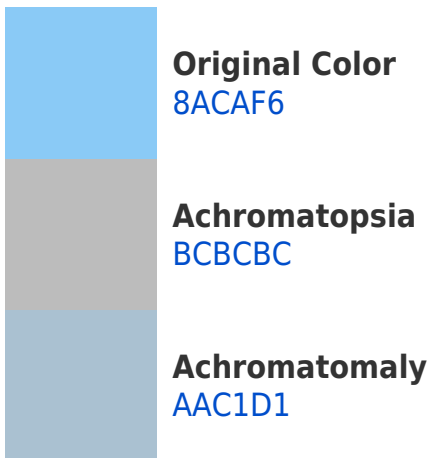


**Tritanopia**  
83CEDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ACAF6 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 #8ACAF6 looks like.

```
.text, #text, p{  
    color:#8ACAF6  
}
```

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 #8ACAF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ACAF6  
}
```

## Border

The CSS property to change the border of an element to Hex 8ACAF6 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  
#8ACAF6 }
```

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

```
.border{ border-color:#8ACAF6 }
```

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

Here you see how a box with a 4 pixel #8ACAF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ACAF6; -webkit-box-shadow:4px 4px  
4px 4px #8ACAF6; box-shadow:4px 4px 4px  
4px #8ACAF6 }
```

# Background

The CSS property to change the background color of an element to Hex 8ACAF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ACAF6 }
```

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

```
.background{ background-color:#8ACAF6 }
```

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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