

# Converting Colors

Hex(8AD6F8)

Have a look what the booklet for  
Hex(8AD6F8) contains.

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# **Color**

**Hex(8AD6F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AD6F8
RGB	138, 214, 248
RGB Percent	54%, 84%, 97%
CMY	0.4588, 0.1608, 0.0275
CMYK	0.44, 0.14, 0.00, 0.03
HSL	199°, 89%, 76%
HSV	199°, 44%, 97%
XYZ	51.4711, 60.2737, 97.7281
YIQ	195.1520, -56.2100, -5.5380

# Conversions

## Conversions Part 2

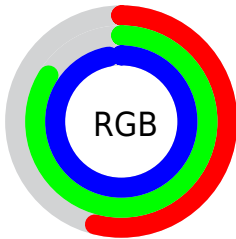
Format	Color
<a href="#">RYB</a>	<a href="#">138, 183, 248</a>
Decimal	<a href="#">9099000</a>
CIELab	<a href="#">81.99, -14.81, -23.98</a>
CIELCh	<a href="#">82, 28.184, 238.302</a>
Yxy	<a href="#">60.2737, 0.2457, 0.2877</a>
Android (android.graphics.Color)	<a href="#">4287289080 (0xFF8AD6F8)</a>
YUV	<a href="#">195.1520, 26.0541, -50.1223</a>
Hunter-Lab	<a href="#">77.6362, -17.5217, -20.2887</a>

# Details

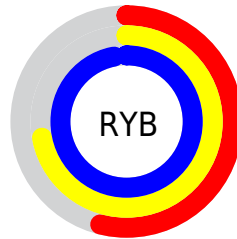
The Hex color **8AD6F8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F8AC8A**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C4FFFF**, and **509FC0** is the 20% darker color. If you saturate the color by 10%, you get **71CEF8**, and if you desaturate by 10%, it is **A3DEF8**.

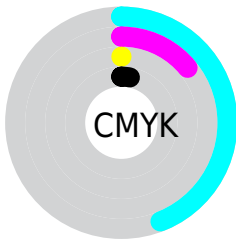
# Distribution



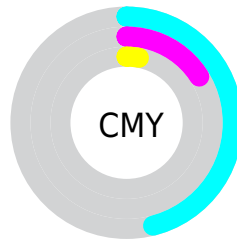
- Red (54%)
- Green (84%)
- Blue (97%)



- Red (54%)
- Yellow (72%)
- Blue (97%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (46%)
- Magenta (16%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AD6F8 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 8AD6F8 by changing the saturation by 10% instead.



■ 8AD6F8

■ 8AD6F8

FFFFFF

■ 6DBADB

■ C4FFFF

■ 509FC0

■ E1FFFF

■ 3185A4

■ 006C8A

■ 005370

■ 003C58

■ 002640

■ 00102A

■ 000115

8AD6F8

8AD6F8

71CEF8

A3DEF8

58C7F8

BCE5F8

40BFF8

D4EDF8

27B7F8

EDF5F8

0EB0F8

FFFCF8

00ABF8

FFFFF8

# Harmonies

## Analogous

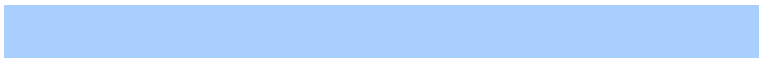
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7EDA4E



8AD6F8



A9CFFF

# Triad

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



8AD6F8



FEB9CE



C5D29D

# Complementary

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



8AD6F8



F8AC8A

# 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.



E1CA97



8AD6F8



FFBAB4

# Square

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



8AD6F8



EDBDE8



F6C1A0



A6D8AF

# Rectangle

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



8AD6F8



C2C9FE



F6C1A0



CFCF99

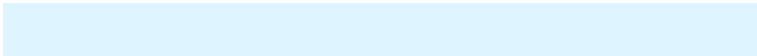


# Sweetspot

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



8AD6F8



DEF5FF



8AF8AB



6B7980



000000



808080

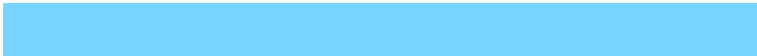


# Same Dimension

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



8AD6F8



78D5FF



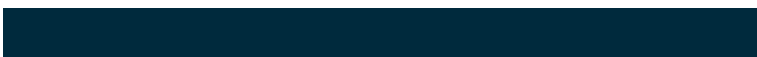
8AA0F8



70797D



0082BD



002A3D



# Inverse Universe

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



F88AD6



FF78D5



F8E28A



7D7079



BD0082

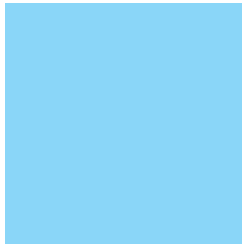


3D002A



# Previews

## White Background



This preview shows how the Hex color 8AD6F8 looks on a white background.

## Color Contrast Check

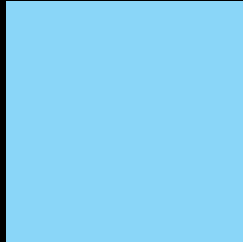
Large Text (above 18pt) WCAG AA × Fail

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 8AD6F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

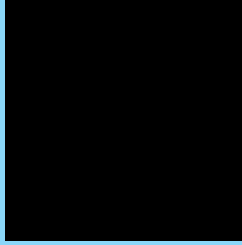
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AD6F8 Background



This preview shows how black text looks on a background with the Hex color 8AD6F8.

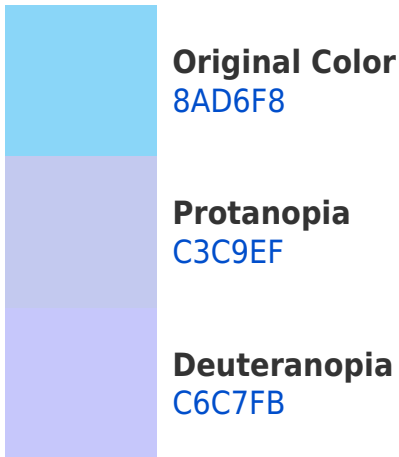


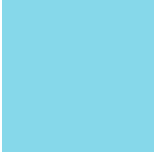
This preview shows how white text looks on a background with the Hex color 8AD6F8.

# 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](#).

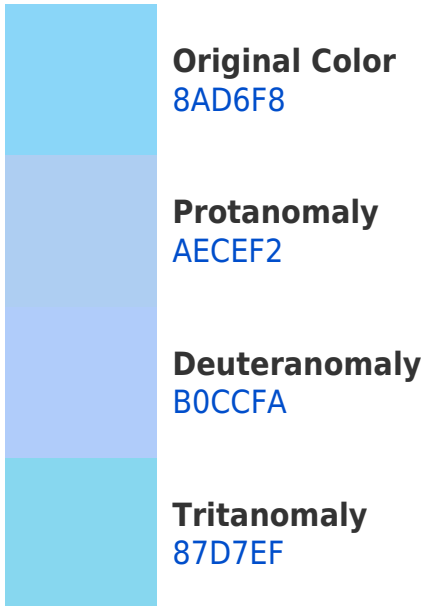
## Dichromacy



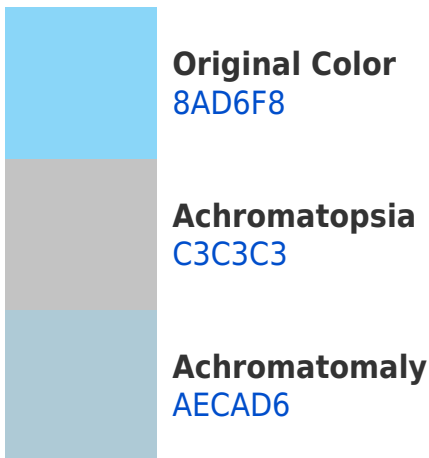


**Tritanopia**  
86D8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AD6F8 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 #8AD6F8 looks like.

```
.text, #text, p{  
    color:#8AD6F8  
}
```

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 #8AD6F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AD6F8  
}
```

## Border

The CSS property to change the border of an element to Hex 8AD6F8 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  
#8AD6F8 }
```

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

```
.border{ border-color:#8AD6F8 }
```

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

Here you see how a box with a 4 pixel #8AD6F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AD6F8; -webkit-box-shadow:4px 4px  
4px 4px #8AD6F8; box-shadow:4px 4px 4px  
4px #8AD6F8 }
```

# Background

The CSS property to change the background color of an element to Hex 8AD6F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AD6F8 }
```

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

```
.background{ background-color:#8AD6F8 }
```

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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