

# Converting Colors

Hex(89D7F9)

Have a look what the booklet for  
Hex(89D7F9) contains.

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# **Color**

**Hex(89D7F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89D7F9
RGB	137, 215, 249
RGB Percent	54%, 84%, 98%
CMY	0.4627, 0.1569, 0.0235
CMYK	0.45, 0.14, 0.00, 0.02
HSL	198°, 90%, 76%
HSV	198°, 45%, 98%
XYZ	51.7158, 60.7588, 98.6244
YIQ	195.5540, -57.4020, -5.9620

# Conversions

## Conversions Part 2

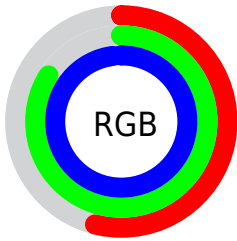
Format	Color
R <sub>Y</sub> B	137, 183, 249
Decimal	9033721
CIE Lab	82.25, -15.29, -24.12
CIE LCh	82, 28.557, 237.618
Yxy	60.7588, 0.2450, 0.2878
Android (android.graphics.Color)	4287223801 (0xFF89D7F9)
YUV	195.5540, 26.3489, -51.3519
Hunter-Lab	77.9479, -17.9801, -20.4537

# Details

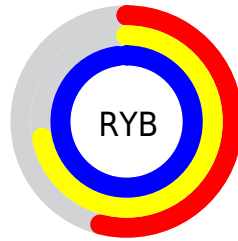
The Hex color **89D7F9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F9AB89**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C3FFFF**, and **4FA0C0** is the 20% darker color. If you saturate the color by 10%, you get **70CFF9**, and if you desaturate by 10%, it is **A2DFF9**.

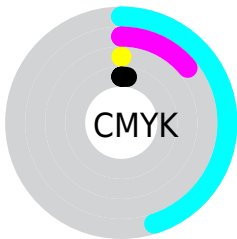
# Distribution



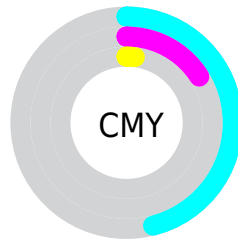
- Red (54%)
- Green (84%)
- Blue (98%)



- Red (54%)
- Yellow (72%)
- Blue (98%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (46%)
- Magenta (16%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89D7F9 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 89D7F9 by changing the saturation by 10% instead.



 89D7F9

 89D7F9

FFFFFF

 6CBBDC

 C3FFFF

 4FA0C0

 E0FFFF

 2F86A5

FEFFFF

 006D8B

 005471

 003D59

 002741

 00112B

 000116

89D7F9

89D7F9

70CFF9

A2DFF9

57C8F9

BBE6F9

3EC0F9

D4EEF9

25B9F9

EDF5F9

0DB1F9

FFFDF9

00ADF9

FFFFF9

# Harmonies

## Analogous

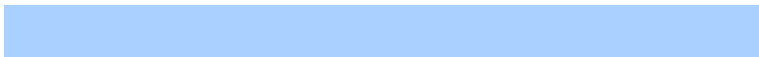
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7EDBE4



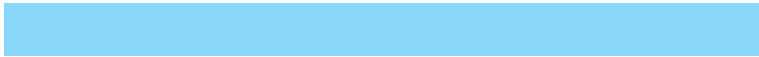
89D7F9



A9D0FF

# Triad

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



89D7F9



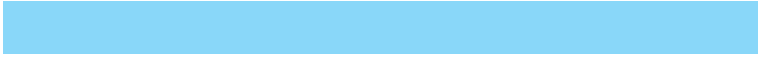
FFB9D0



C6D29D

# Complementary

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



89D7F9



F9AB89

# 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.



E2CA97



89D7F9



FFBBB5

# Square

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



89D7F9



EDBEEA



F8C1A0



A7D9AF

# Rectangle

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



89D7F9



C2CAFF



F8C1A0



D0D099

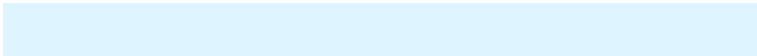


# Sweetspot

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



89D7F9



DEF5FF



89F9AB



6B7980



000000



808080

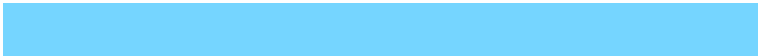


# Same Dimension

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



89D7F9



75D5FF



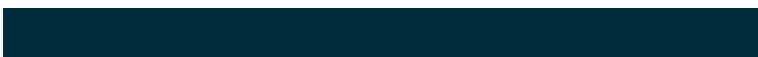
899FF9



70797D



0083BD



002B3D



# Inverse Universe

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



F989D7



FF75D5



F9E389



7D7079



BD0083

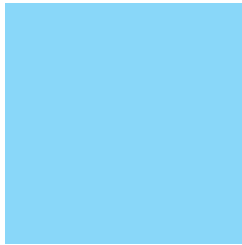


3D002B



# Previews

## White Background



This preview shows how the Hex color 89D7F9 looks on a white background.

## Color Contrast Check

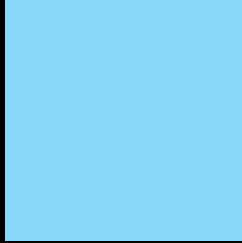
Large Text (above 18pt) WCAG AA × Fail

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 89D7F9 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 89D7F9 Background



This preview shows how black text looks on a background with the Hex color 89D7F9.

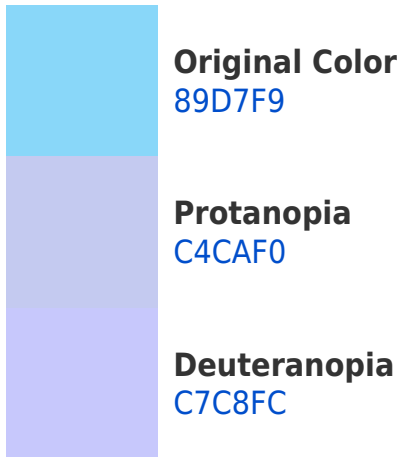


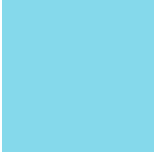
This preview shows how white text looks on a background with the Hex color 89D7F9.

# 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](#).

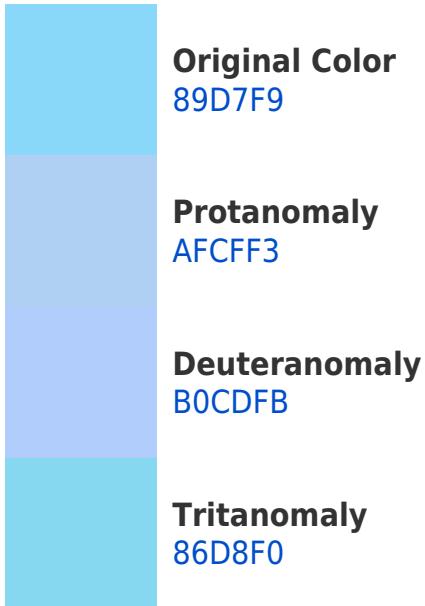
## Dichromacy



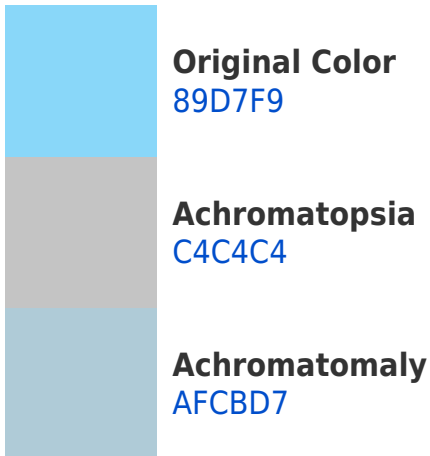


**Tritanopia**  
85D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89D7F9 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 #89D7F9 looks like.

```
.text, #text, p{  
    color:#89D7F9  
}
```

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 #89D7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D7F9
}
```

## Border

The CSS property to change the border of an element to Hex 89D7F9 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
#89D7F9 }
```

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

```
.border{ border-color:#89D7F9 }
```

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

Here you see how a box with a 4 pixel #89D7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D7F9; -webkit-box-shadow:4px 4px  
4px 4px #89D7F9; box-shadow:4px 4px 4px  
4px #89D7F9 }
```

# Background

The CSS property to change the background color of an element to Hex 89D7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D7F9 }
```

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

```
.background{ background-color:#89D7F9 }
```

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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