

# Converting Colors

Hex(8DACFD)

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

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# **Color**

**Hex(8DACFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DACFD
RGB	141, 172, 253
RGB Percent	55%, 67%, 99%
CMY	0.4471, 0.3255, 0.0078
CMYK	0.44, 0.32, 0.00, 0.01
HSL	223°, 97%, 77%
HSV	223°, 44%, 99%
XYZ	43.4667, 42.2596, 98.7945
YIQ	171.9650, -44.4770, 18.6190

# Conversions

## Conversions Part 2

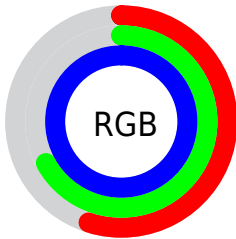
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 165, 253</a>
Decimal	<a href="#">9284861</a>
CIELab	<a href="#">71.05, 10.01, -43.54</a>
CIElCh	<a href="#">71, 44.672, 282.945</a>
Yxy	<a href="#">42.2596, 0.2356, 0.2290</a>
Android (android.graphics.Color)	<a href="#">4287474941 (0xFF8DACFD)</a>
YUV	<a href="#">171.9650, 39.9503, -27.1563</a>
Hunter-Lab	<a href="#">65.0074, 5.5896, -44.6003</a>

# Details

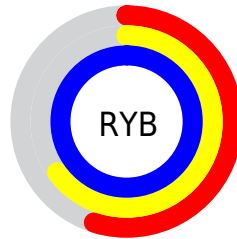
The Hex color **8DACFD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FDDE8D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C7E3FF**, and **5478C4** is the 20% darker color. If you saturate the color by 10%, you get **749AFD**, and if you desaturate by 10%, it is **A6BEFD**.

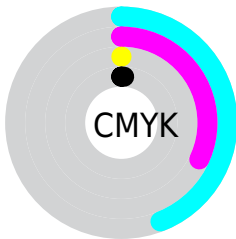
# Distribution



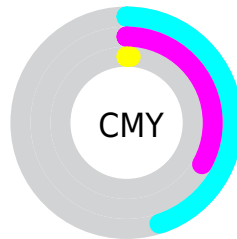
- Red (55%)
- Green (67%)
- Blue (99%)



- Red (55%)
- Yellow (65%)
- Blue (99%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (33%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 8DACFD

 8DACFD

FFFFFF

 7192E0

 C7E3FF

 5478C4

 E4FFFF

 3560A8

 0B488E

 003274

 001E5B

 000343

 00032C

 000116

■ 8DACFD

■ 8DACFD

■ 749AFD

■ A6BEFD

■ 5A87FD

■ C0D1FD

■ 4175FD

■ D9E3FD

■ 2863FD

■ F2F5FD

■ 0F51FD

FFFFFD

■ 0046FD

# Harmonies

## Analogous

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



34B9FB



8DACFD



C89DEA

# Triad

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



8DACFD



F49578



51C295

# Complementary

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



8DACFD



FDDE8D

# 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.



89BB71



8DACFD



DBA360

# Square

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



8DACFD



FC8D9E



B6B15D



00C3BF

# Rectangle

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



8DACFD



E494D4



B6B15D



66C087



# Sweetspot

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



8DACFD



DEE7FF



8DFDDD



6B7180



000000



808080



# Same Dimension

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



8DACFD



789DFF



A58DFD



737680



0035BF



001240



# Inverse Universe

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



FD8DAC



FF789D



E5FD8D



807376



BF0035



400012



# Previews

## White Background



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

## Color Contrast Check

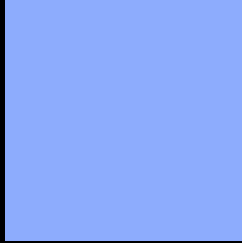
Large Text (above 18pt) WCAG AA × Fail

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 8DACFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

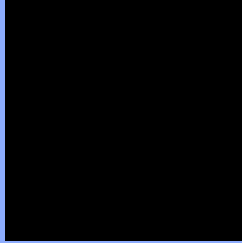
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

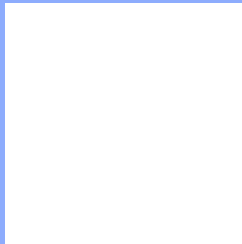
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DACFD Background



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



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

# 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](#).

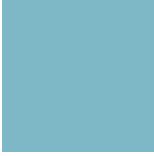
## Dichromacy



**Original Color**  
8DACFD

**Protanopia**  
93ABFC

**Deuteranopia**  
8DACFD

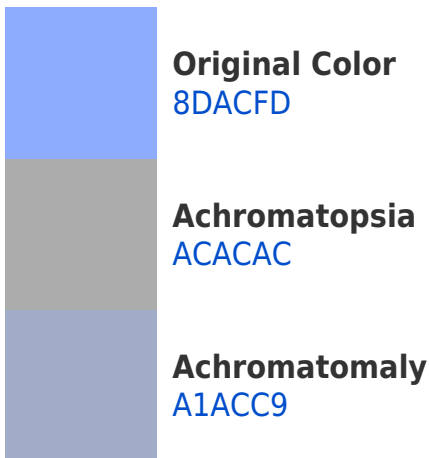


**Tritanopia**  
7EB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #8DACFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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