

# Converting Colors

Hex(82D8FE)

Have a look what the booklet for  
Hex(82D8FE) contains.

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# **Color**

**Hex(82D8FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82D8FE
RGB	130, 216, 254
RGB Percent	51%, 85%, 100%
CMY	0.4902, 0.1529, 0.0039
CMYK	0.49, 0.15, 0.00, 0.00
HSL	198°, 98%, 75%
HSV	198°, 49%, 100%
XYZ	51.6512, 61.0133, 102.8204
YIQ	194.6180, -63.4540, -6.4140

# Conversions

## Conversions Part 2

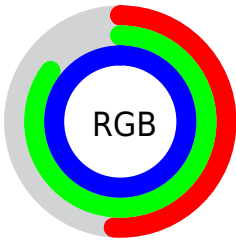
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	130, 181, 254
Decimal	8575230
CIE Lab	82.39, -16.05, -26.59
CIE LCh	82, 31.058, 238.873
Yxy	61.0133, 0.2397, 0.2831
Android (android.graphics.Color)	4286765310 (0xFF82D8FE)
YUV	194.6180, 29.2753, -56.6700
Hunter-Lab	78.1110, -18.6606, -23.3679

# Details

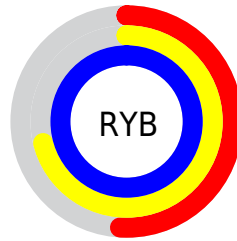
The Hex color **82D8FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FEA882**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BDFFFF**, and **45A1C5** is the 20% darker color. If you saturate the color by 10%, you get **69D0FE**, and if you desaturate by 10%, it is **9BE0FE**.

# Distribution



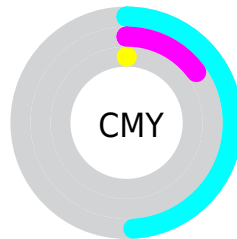
- Red (51%)
- Green (85%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- Blue (100%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82D8FE 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 82D8FE by changing the saturation by 10% instead.



 82D8FE

 82D8FE

FFFFFF

 64BCE1


 BDFFFF

 45A1C5

 DAFFFF

 1F87AA

 F9FFFF

 006E8F

 005576

 003E5D

 002845

 00122F

 000119

■ 82D8FE

■ 82D8FE

■ 69D0FE

■ 9BE0FE

■ 4FC8FE

■ B5E8FE

■ 36C1FE

■ CEEFFE

■ 1CB9FE

■ E8F7FE

■ 03B1FE

FFFFFFE

■ 00B0FE

# Harmonies

## Analogous

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



74DDE8



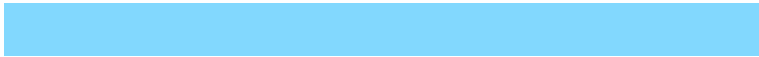
82D8FE



A7D0FF

# Triad

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



82D8FE



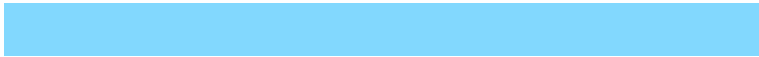
FFB8CF



C4D499

# Complementary

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



82D8FE



FEA882

# 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.



E3CB93



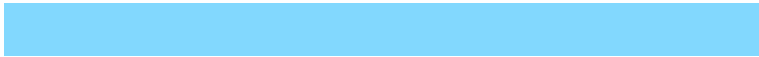
82D8FE



FFBAB2

# Square

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



82D8FE



F1BDEC



FBC19C



A3DAAE

# Rectangle

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



82D8FE



C3C9FF



FBC19C



CFD195

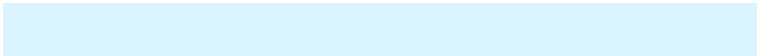


# Sweetspot

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



82D8FE



D9F3FF



82FEA7



697880



000000

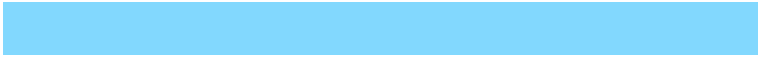


808080



# Same Dimension

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



82D8FE



69D1FF



829BFE



737C80



0085BF



002C40



# Inverse Universe

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



FE82D8



FF69D1



FEE582



80737C



BF0085

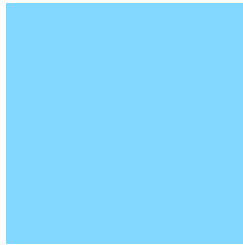


40002C



# Previews

## White Background



This preview shows how the Hex color 82D8FE looks on a white background.

## Color Contrast Check

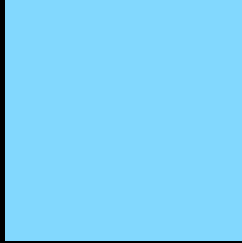
Large Text (above 18pt) WCAG AA × Fail

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 82D8FE 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 82D8FE Background



This preview shows how black text looks on a background with the Hex color 82D8FE.

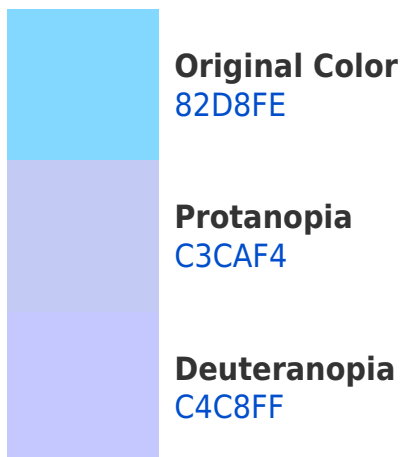


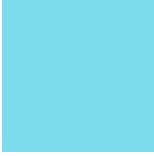
This preview shows how white text looks on a background with the Hex color 82D8FE.

# 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](#).

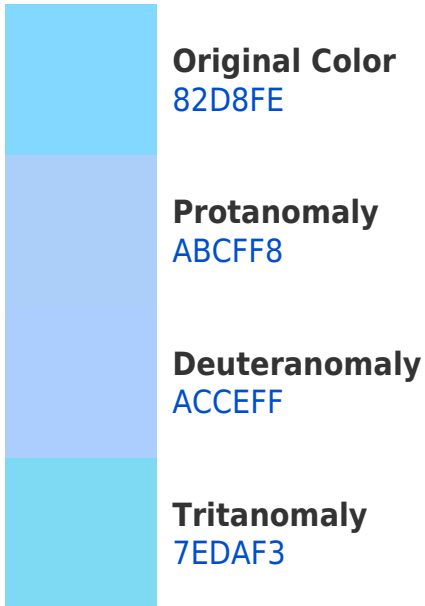
## Dichromacy



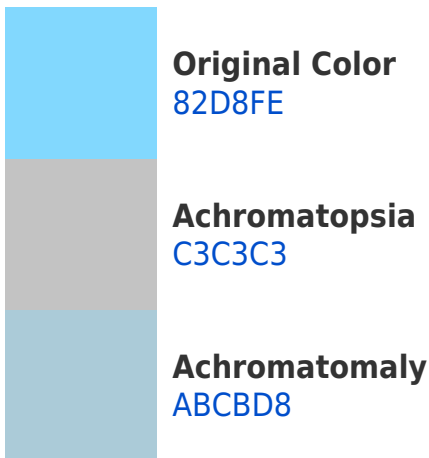


**Tritanopia**  
7CDBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82D8FE 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 #82D8FE looks like.

```
.text, #text, p{  
    color:#82D8FE  
}
```

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 #82D8FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D8FE
}
```

## Border

The CSS property to change the border of an element to Hex 82D8FE 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
#82D8FE }
```

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

```
.border{ border-color:#82D8FE }
```

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

Here you see how a box with a 4 pixel #82D8FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D8FE; -webkit-box-shadow:4px 4px  
4px 4px #82D8FE; box-shadow:4px 4px 4px  
4px #82D8FE }
```

# Background

The CSS property to change the background color of an element to Hex 82D8FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D8FE }
```

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

```
.background{ background-color:#82D8FE }
```

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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