

Converting Colors

Hex(83D8FA)

Have a look what the booklet for
Hex(83D8FA) contains.

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Color

Hex(83D8FA)

Conversions

Conversions Part 1

Format	Color
Hex	83D8FA
RGB	131, 216, 250
RGB Percent	51%, 85%, 98%
CMY	0.4863, 0.1529, 0.0196
CMYK	0.48, 0.14, 0.00, 0.02
HSL	197°, 92%, 75%
HSV	197°, 48%, 98%
XYZ	51.1713, 60.8392, 99.4886
YIQ	194.4610, -61.5740, -7.4460

Conversions

Conversions Part 2

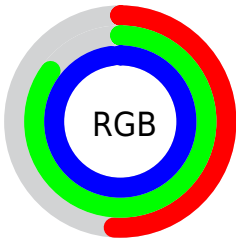
Format	Color
R_{YB}	131, 181, 250
Decimal	8640762
CIE _{Lab}	82.29, -16.92, -24.60
CIE _{LCh}	82, 29.860, 235.487
Yxy	60.8392, 0.2419, 0.2877
Android (android.graphics.Color)	4286830842 (0xFF83D8FA)
YUV	194.4610, 27.3807, -55.6553
Hunter-Lab	77.9995, -19.3948, -21.0250

Details

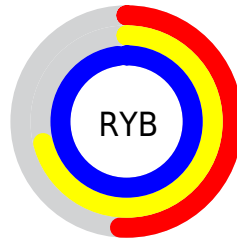
The Hex color **83D8FA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FAA583**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BDFFFF**, and **47A1C1** is the 20% darker color. If you saturate the color by 10%, you get **6AD1FA**, and if you desaturate by 10%, it is **9CDFFA**.

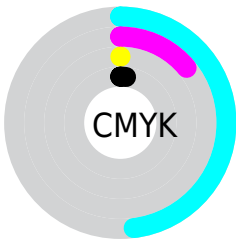
Distribution



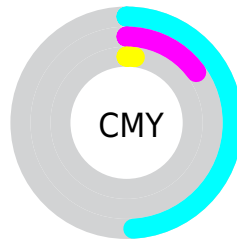
- Red (51%)
- Green (85%)
- Blue (98%)



- Red (51%)
- Yellow (71%)
- Blue (98%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D8FA 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 83D8FA by changing the saturation by 10% instead.

 83D8FA

 83D8FA

FFFFFF

 66BCDD

 BDFFFF

 47A1C1

 DBFFFF

 2387A6

 F9FFFF

 006D8C

 005572

 003E5A

 002842

 00112C

 000117

 83D8FA

 83D8FA

 6AD1FA

 9CDFFA

 51CAFA

 B5E6FA

 38C3FA

 CEEDFA

 1FBBFA

 E7F5FA

 06B4FA

 FFFCFA

 00B3FA

 FFFFFA

Harmonies

Analogous

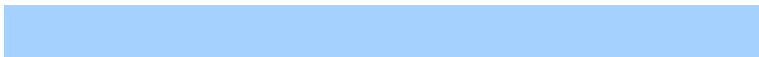
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79DCE4



83D8FA



A4D1FF

Triad

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



83D8FA



FFB9D2



C8D29A

Complementary

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



83D8FA



FAA583

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.



E5C995



83D8FA



FFBAB6

Square

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



83D8FA



EDBEED



FBC0A0



A8D9AC

Rectangle

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



83D8FA



BECAFF



FBC0A0



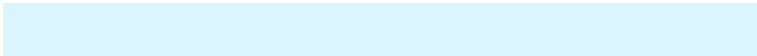
D2D096

Sweetspot

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



83D8FA



DBF5FF



83FAA5



6A7980



000000



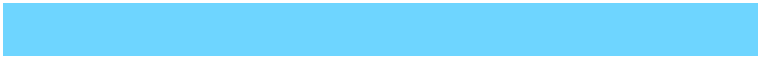
808080

Same Dimension

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



83D8FA



6ED5FF



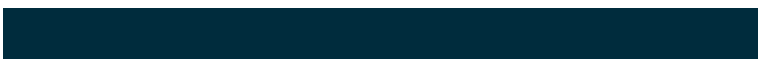
839DFA



70797D



0087BD



002C3D

Inverse Universe

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



FA83D8



FF6ED5



FAE083



7D7079



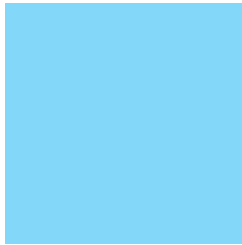
BD0087



3D002C

Previews

White Background



This preview shows how the Hex color 83D8FA looks on a white background.

Color Contrast Check

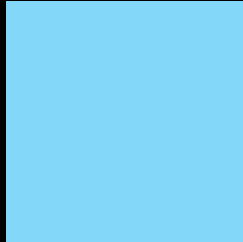
Large Text (above 18pt) WCAG AA × Fail

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 83D8FA 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 83D8FA Background



This preview shows how black text looks on a background with the Hex color 83D8FA.

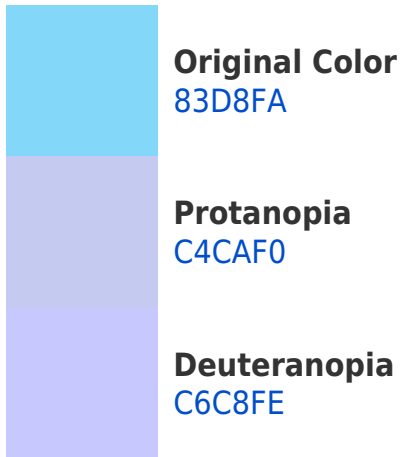


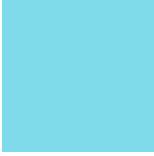
This preview shows how white text looks on a background with the Hex color 83D8FA.

Color Blindness Simulation

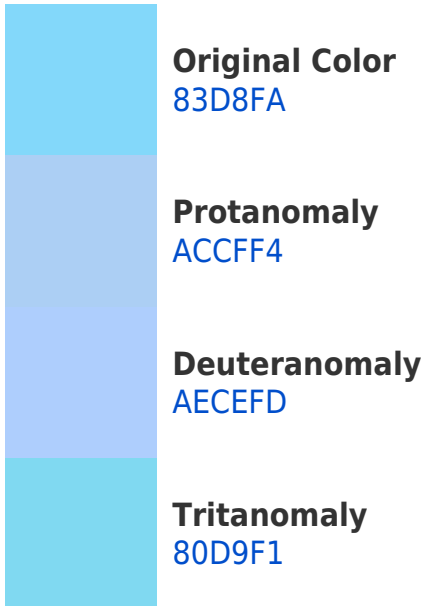
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

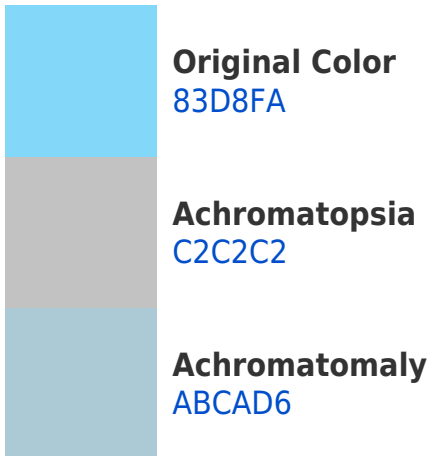




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D8FA 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 #83D8FA looks like.

```
.text, #text, p{  
    color:#83D8FA  
}
```

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 #83D8FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D8FA
}
```

Border

The CSS property to change the border of an element to Hex 83D8FA 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
#83D8FA }
```

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

```
.border{ border-color:#83D8FA }
```

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

Here you see how a box with a 4 pixel #83D8FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D8FA; -webkit-box-shadow:4px 4px  
4px 4px #83D8FA; box-shadow:4px 4px 4px  
4px #83D8FA }
```

Background

The CSS property to change the background color of an element to Hex 83D8FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D8FA }
```

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

```
.background{ background-color:#83D8FA }
```

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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