

Converting Colors

Hex(83BAFC)

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

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Color

Hex(83BAFC)

Conversions

Conversions Part 1

Format	Color
Hex	83BAFC
RGB	131, 186, 252
RGB Percent	51%, 73%, 99%
CMY	0.4863, 0.2706, 0.0118
CMYK	0.48, 0.26, 0.00, 0.01
HSL	213°, 95%, 75%
HSV	213°, 48%, 99%
XYZ	44.4897, 46.9714, 98.8170
YIQ	177.0790, -53.9660, 8.8660

Conversions

Conversions Part 2

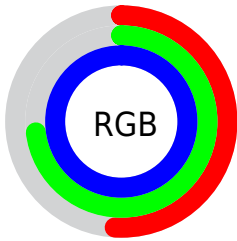
Format	Color
R _Y B	131, 169, 252
Decimal	8633084
CIE Lab	74.17, -0.45, -38.17
CIE LCh	74, 38.171, 269.323
Yxy	46.9714, 0.2338, 0.2469
Android (android.graphics.Color)	4286823164 (0xFF83BAFC)
YUV	177.0790, 36.9361, -40.4113
Hunter-Lab	68.5357, -4.0648, -37.5113

Details

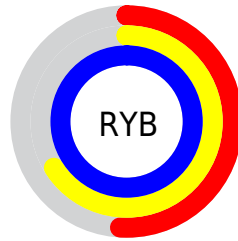
The Hex color **83BAFC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FCC583**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BDF2FF**, and **4885C3** is the 20% darker color. If you saturate the color by 10%, you get **6AACFC**, and if you desaturate by 10%, it is **9CC8FC**.

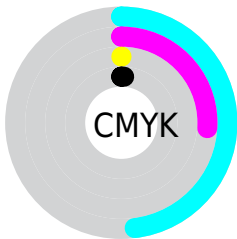
Distribution



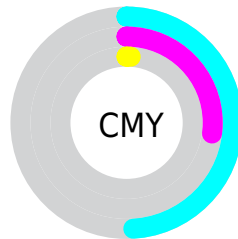
- Red (51%)
- Green (73%)
- Blue (99%)



- Red (51%)
- Yellow (66%)
- Blue (99%)



- Cyan (48%)
- Magenta (26%)
- Yellow (0%)
- Black (1%)



- Cyan (49%)
- Magenta (27%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 83BAFC

 83BAFC

FFFFFF

 669FDF

 BDF2FF

 4885C3

 DAFFFF

 266CA8

 F8FFFF

 00548D

 003D73

 00285A

 001342

 00032C

 000116

■ 83BAFC

■ 83BAFC

■ 6AACFC

■ 9CC8FC

■ 519FFC

■ B5D5FC

■ 3791FC

■ CFE3FC

■ 1E83FC

■ E8F1FC

■ 0575FC

FFFFFC

■ 0073FC

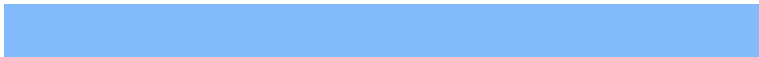
Harmonies

Analogous

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



48C3F2



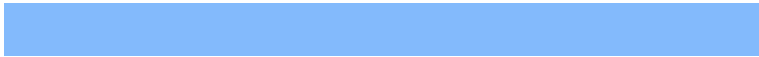
83BAFC



B9AEF3

Triad

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



83BAFC



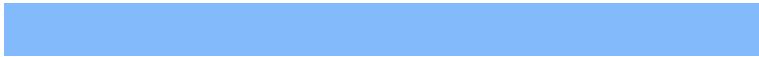
FA9E96



80C691

Complementary

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



83BAFC



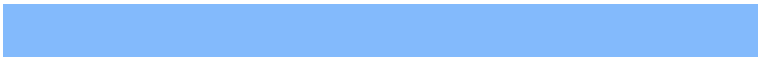
FCC583

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.



AABF78



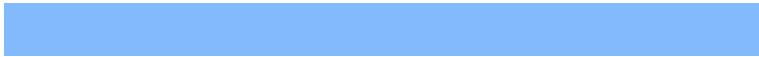
83BAFC



EBA87B

Square

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



83BAFC



F89BB9



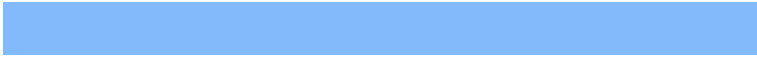
CEB470



53C9B4

Rectangle

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



83BAFC



D6A5E4



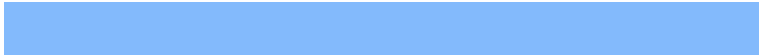
CEB470



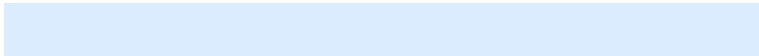
8FC488

Sweetspot

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



83BAFC



DBECFF



83FCC4



6A7480



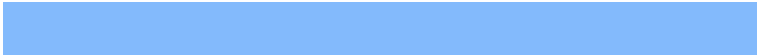
000000



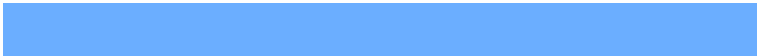
808080

Same Dimension

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



83BAFC



6BAEFF



8783FC



70767D



0056BD



001C3D

Inverse Universe

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



FC83BA



FF6BAE



F8FC83



7D7076



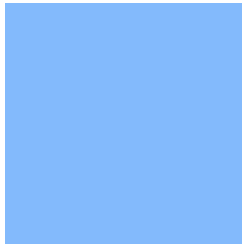
BD0056



3D001C

Previews

White Background



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

Color Contrast Check

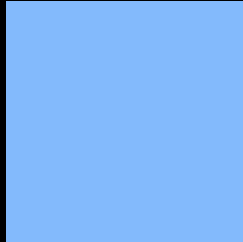
Large Text (above 18pt) WCAG AA × Fail

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 83BAFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

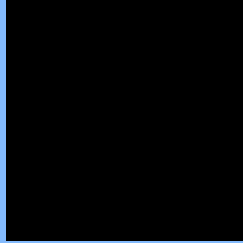
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

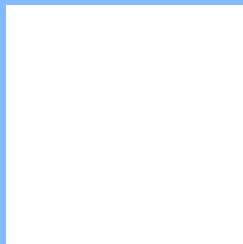
Any Text WCAG AAA ✓ Pass

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

Hex 83BAFC Background



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

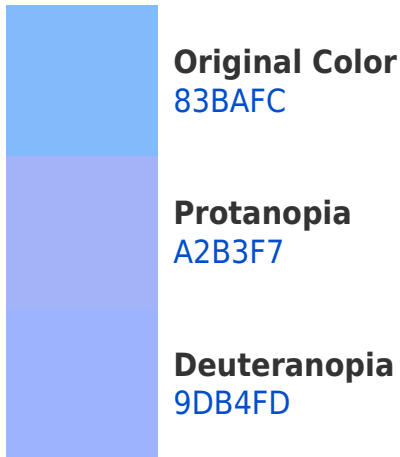


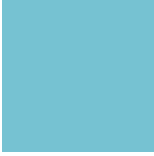
This preview shows how white text looks on a background with the Hex color 83BAFC.

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](#).

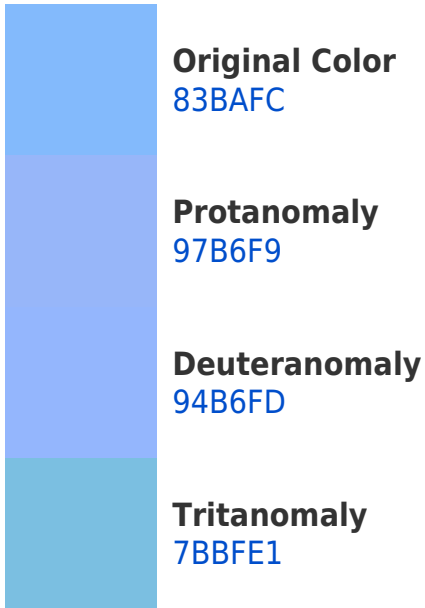
Dichromacy



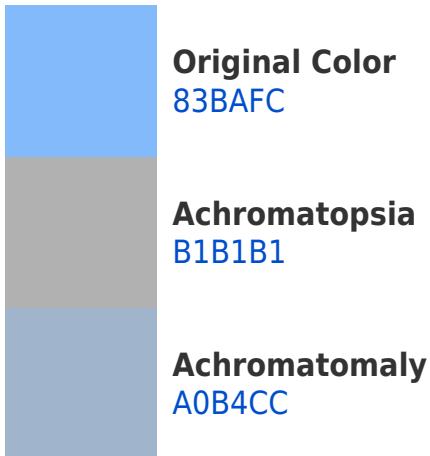


Tritanopia
76C2D2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #83BAFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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