

Converting Colors

Hex(83B7F4)

Have a look what the booklet for
Hex(83B7F4) contains.

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Color

Hex(83B7F4)

Conversions

Conversions Part 1

Format	Color
Hex	83B7F4
RGB	131, 183, 244
RGB Percent	51%, 72%, 96%
CMY	0.4863, 0.2824, 0.0431
CMYK	0.46, 0.25, 0.00, 0.04
HSL	212°, 84%, 74%
HSV	212°, 46%, 96%
XYZ	42.6227, 45.2239, 92.0706
YIQ	174.4060, -50.5730, 7.9470

Conversions

Conversions Part 2

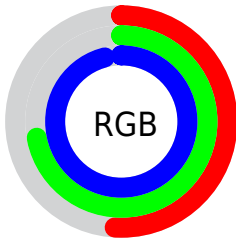
Format	Color
R_{YB}	131, 167, 244
Decimal	8632308
CIE _{Lab}	73.04, -1.08, -35.61
CIE _{LCh}	73, 35.626, 268.266
Yxy	45.2239, 0.2369, 0.2514
Android (android.graphics.Color)	4286822388 (0xFF83B7F4)
YUV	174.4060, 34.3098, -38.0671
Hunter-Lab	67.2487, -4.5508, -34.1001

Details

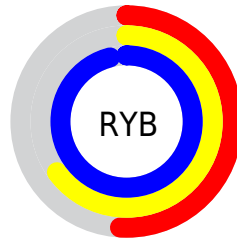
The Hex color **83B7F4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4C083**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BCEFFF**, and **4982BC** is the 20% darker color. If you saturate the color by 10%, you get **6BAAF4**, and if you desaturate by 10%, it is **9BC4F4**.

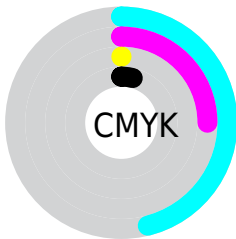
Distribution



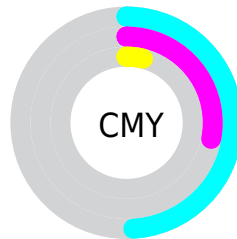
- Red (51%)
- Green (72%)
- Blue (96%)



- Red (51%)
- Yellow (65%)
- Blue (96%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B7F4 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 83B7F4 by changing the saturation by 10% instead.

 83B7F4

 83B7F4

FFFFFF

 669CD7

 BCEFFF

 4982BC

 DAFFFF

 2969A0

 F7FFFF

 005186

 003B6C

 002554

 00103C

 000226

 00010F

 83B7F4

 83B7F4

 6BAAF4

 9BC4F4

 529DF4

 B4D1F4

 3A8FF4

 CCDF4

 2182F4

 E5ECF4

 0975F4

 FDF9F4

 0070F4

 FFFFF4

Harmonies

Analogous

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



51C0EA



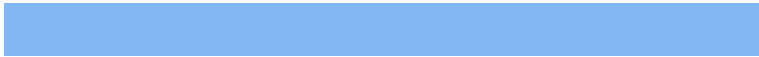
83B7F4



B5ACED

Triad

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



83B7F4



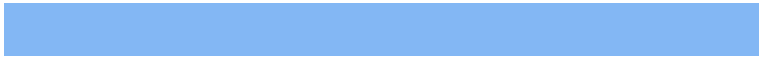
F39D96



83C290

Complementary

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



83B7F4



F4C083

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.



A9BB79



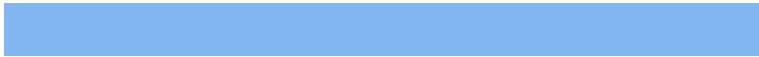
83B7F4



E5A57D

Square

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



83B7F4



F09BB6



CBB172



5BC5B0

Rectangle

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



83B7F4



D0A4DF



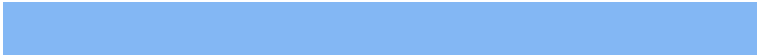
CBB172



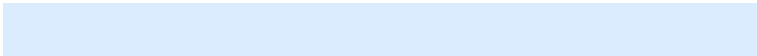
90C087

Sweetspot

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



83B7F4



DBECFF



83F4BF



6A7480



000000



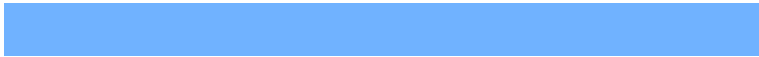
808080

Same Dimension

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



83B7F4



70B2FF



8783F4



6E747A



0056BA



001B3B

Inverse Universe

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



F483B7



FF70B2



F0F483



7A6E74



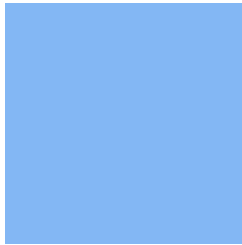
BA0056



3B001B

Previews

White Background



This preview shows how the Hex color 83B7F4 looks on a white background.

Color Contrast Check

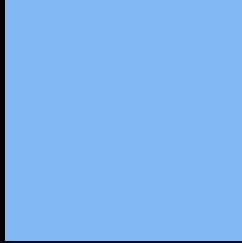
Large Text (above 18pt) WCAG AA × Fail

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 83B7F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

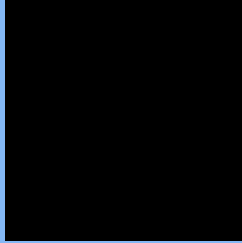
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

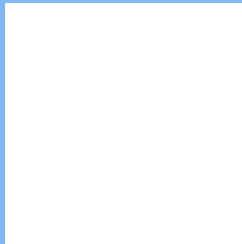
Any Text WCAG AAA ✓ Pass

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

Hex 83B7F4 Background



This preview shows how black text looks on a background with the Hex color 83B7F4.



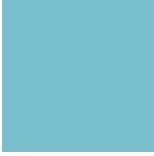
This preview shows how white text looks on a background with the Hex color 83B7F4.

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](#).

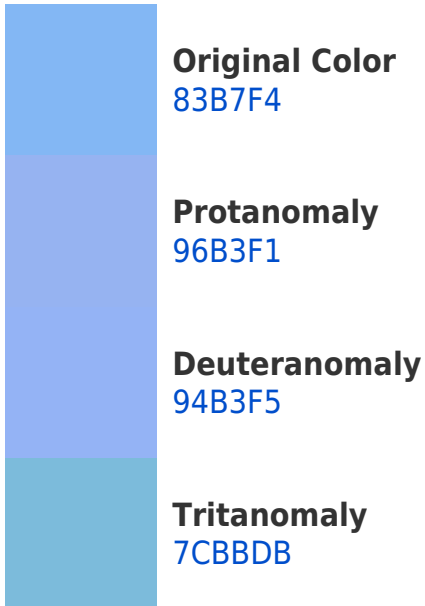
Dichromacy



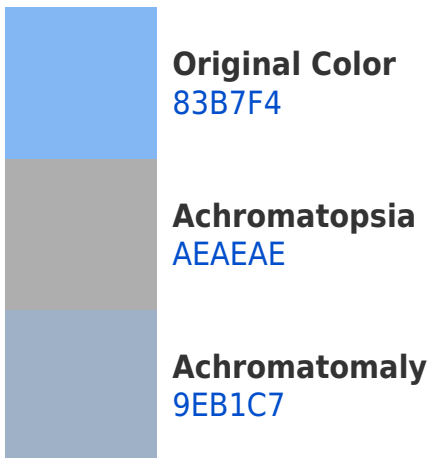


Tritanopia
78BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B7F4 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 #83B7F4 looks like.

```
.text, #text, p{  
    color:#83B7F4  
}
```

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 #83B7F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B7F4
}
```

Border

The CSS property to change the border of an element to Hex 83B7F4 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
#83B7F4 }
```

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

```
.border{ border-color:#83B7F4 }
```

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

Here you see how a box with a 4 pixel #83B7F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B7F4; -webkit-box-shadow:4px 4px  
4px 4px #83B7F4; box-shadow:4px 4px 4px  
4px #83B7F4 }
```

Background

The CSS property to change the background color of an element to Hex 83B7F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B7F4 }
```

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

```
.background{ background-color:#83B7F4 }
```

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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