

Converting Colors

Hex(84B4FE)

Have a look what the booklet for
Hex(84B4FE) contains.

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Color

Hex(84B4FE)

Conversions

Conversions Part 1

Format	Color
Hex	84B4FE
RGB	132, 180, 254
RGB Percent	52%, 71%, 100%
CMY	0.4824, 0.2941, 0.0039
CMYK	0.48, 0.29, 0.00, 0.00
HSL	216°, 98%, 76%
HSV	216°, 48%, 100%
XYZ	43.7264, 44.7038, 100.0900
YIQ	174.0840, -52.3620, 12.8380

Conversions

Conversions Part 2

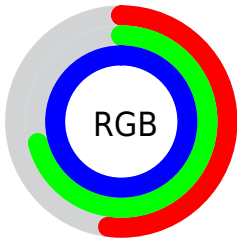
Format	Color
R _Y B	132, 166, 254
Decimal	8697086
CIE Lab	72.70, 3.67, -41.54
CIE LCh	73, 41.702, 275.054
Yxy	44.7038, 0.2319, 0.2371
Android (android.graphics.Color)	4286887166 (0xFF84B4FE)
YUV	174.0840, 39.3986, -36.9077
Hunter-Lab	66.8609, -0.2694, -41.9538

Details

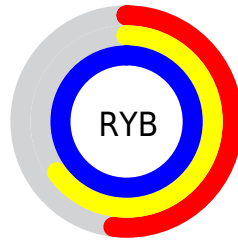
The Hex color **84B4FE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FECE84**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BEECFF**, and **4980C5** is the 20% darker color. If you saturate the color by 10%, you get **6BA5FE**, and if you desaturate by 10%, it is **9DC3FE**.

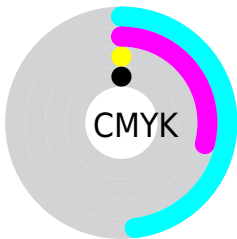
Distribution



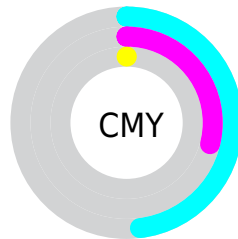
- Red (52%)
- Green (71%)
- Blue (100%)



- Red (52%)
- Yellow (65%)
- Blue (100%)



- Cyan (48%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B4FE 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 84B4FE by changing the saturation by 10% instead.

 84B4FE

 84B4FE

FFFFFF

 6799E1

 BEECFE

 4980C5

 DCFFFF

 2767A9

 F9FFFF

 004F8F

 003975

 00245C

 000E44

 00032D

 000117

 84B4FE

 84B4FE

 6BA5FE

 9DC3FE

 5195FE

 B7D3FE

 3886FE

 D0E2FE

 1E76FE

 EAF2FE

 0567FE

FFFFFFE

 0064FE

Harmonies

Analogous

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



36BFF7



84B4FE



BFA6F1

Triad

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



84B4FE



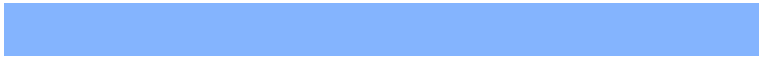
F99988



6DC491

Complementary

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



84B4FE



FCE884

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.



9CBD72



84B4FE



E5A56E

Square

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



84B4FE



FB94AD



C5B265



2EC7B8

Rectangle

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



84B4FE



DC9DDF



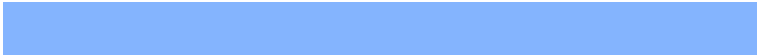
C5B265



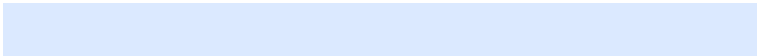
7DC285

Sweetspot

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



84B4FE



DBE9FF



84FECD



6A7280



000000



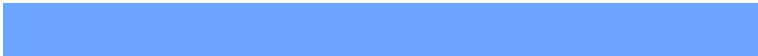
808080

Same Dimension

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



84B4FE



6BA5FF



9084FE



737880



004BBF



001940

Inverse Universe

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



FE84B4



FF6BA5



F2FE84



807378



BF004B



400019

Previews

White Background



This preview shows how the Hex color 84B4FE looks on a white background.

Color Contrast Check

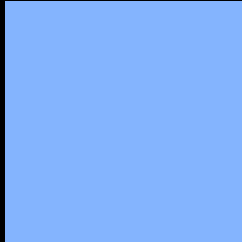
Large Text (above 18pt) WCAG AA × Fail

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 84B4FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

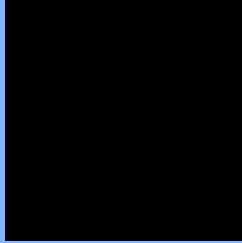
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

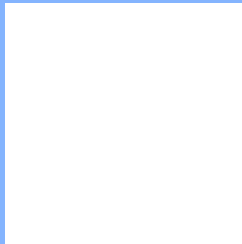
Any Text WCAG AAA ✓ Pass

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

Hex 84B4FE Background



This preview shows how black text looks on a background with the Hex color 84B4FE.

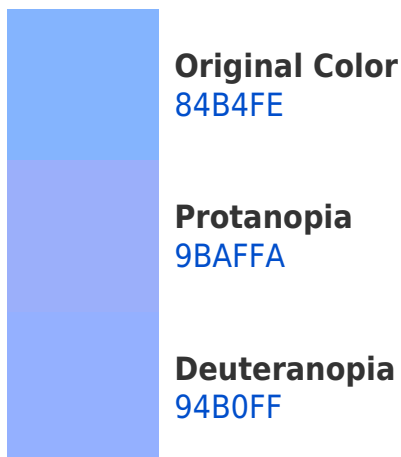


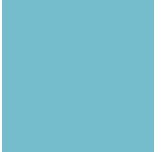
This preview shows how white text looks on a background with the Hex color 84B4FE.

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](#).

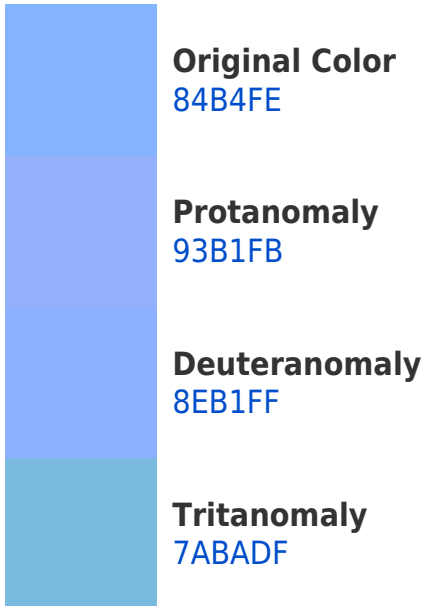
Dichromacy



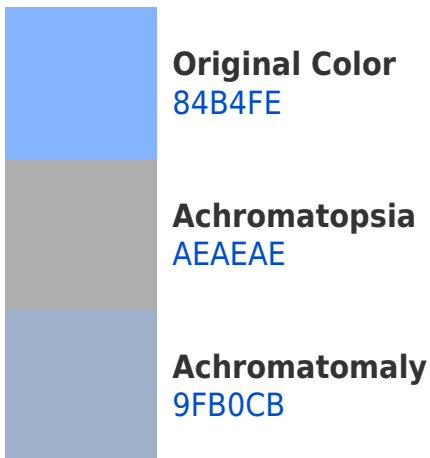


Tritanopia
75BDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B4FE 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 #84B4FE looks like.

```
.text, #text, p{  
    color:#84B4FE  
}
```

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 #84B4FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B4FE
}
```

Border

The CSS property to change the border of an element to Hex 84B4FE 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
#84B4FE }
```

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

```
.border{ border-color:#84B4FE }
```

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

Here you see how a box with a 4 pixel #84B4FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B4FE; -webkit-box-shadow:4px 4px  
4px 4px #84B4FE; box-shadow:4px 4px 4px  
4px #84B4FE }
```

Background

The CSS property to change the background color of an element to Hex 84B4FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B4FE }
```

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

```
.background{ background-color:#84B4FE }
```

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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