

Converting Colors

Hex(82B1FE)

Have a look what the booklet for
Hex(82B1FE) contains.

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Color

Hex(82B1FE)

Conversions

Conversions Part 1

Format	Color
Hex	82B1FE
RGB	130, 177, 254
RGB Percent	51%, 69%, 100%
CMY	0.4902, 0.3059, 0.0039
CMYK	0.49, 0.30, 0.00, 0.00
HSL	217°, 98%, 75%
HSV	217°, 49%, 100%
XYZ	42.8175, 43.3459, 99.8758
YIQ	171.7250, -52.7290, 13.9830

Conversions

Conversions Part 2

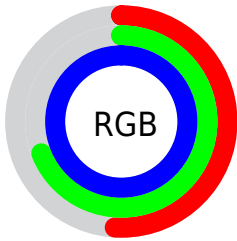
Format	Color
RYB	130, 164, 254
Decimal	8565246
CIELab	71.79, 4.89, -42.97
CIELCh	72, 43.243, 276.495
Yxy	43.3459, 0.2302, 0.2330
Android (android.graphics.Color)	4286755326 (0xFF82B1FE)
YUV	171.7250, 40.5616, -36.5928
Hunter-Lab	65.8376, 0.8717, -43.8568

Details

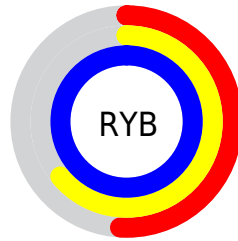
The Hex color **82B1FE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FECF82**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BCE8FF**, and **477DC5** is the 20% darker color. If you saturate the color by 10%, you get **69A1FE**, and if you desaturate by 10%, it is **9BC1FE**.

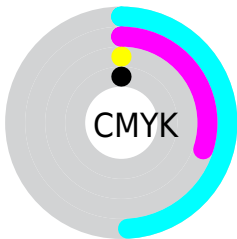
Distribution



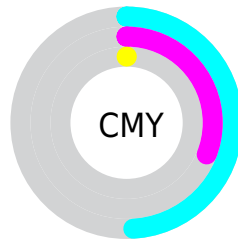
- Red (51%)
- Green (69%)
- Blue (100%)



- Red (51%)
- Yellow (64%)
- Blue (100%)



- Cyan (49%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82B1FE 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 82B1FE by changing the saturation by 10% instead.

 82B1FE

 82B1FE

FFFFFF

 6596E1

 BCE8FF

 477DC5

 DAFFFF

 2364A9

 F8FFFF

 004C8F

 003675

 00225C

 000A44

 00032D

 000117

■ 82B1FE

■ 82B1FE

■ 69A1FE

■ 9BC1FE

■ 4F91FE

■ B5D1FE

■ 3682FE

■ CEE0FE

■ 1C72FE

■ E8F0FE

■ 0362FE

FFFFFFE

■ 0060FE

Harmonies

Analogous

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



28BCF7



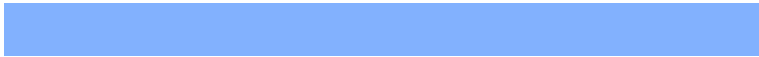
82B1FE



BFA2EF

Triad

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



82B1FE



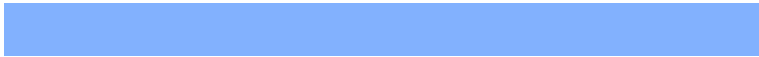
F89683



64C28F

Complementary

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



82B1FE



FECF82

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.



96BB6F



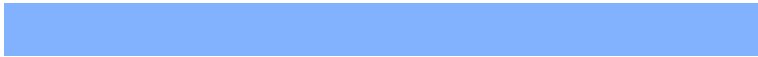
82B1FE



E3A368

Square

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



82B1FE



FB90A9



C1B060



0FC5B7

Rectangle

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



82B1FE



DD99DC



C1B060



76C083

Sweetspot

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



82B1FE



D9E7FF



82FECE



697180



000000



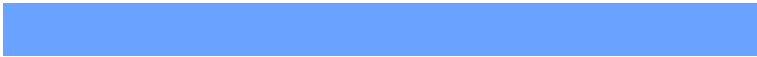
808080

Same Dimension

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



82B1FE



69A2FF



9082FE



737880



0048BF



001840

Inverse Universe

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



FE82B1



FF69A2



F0FE82



807378



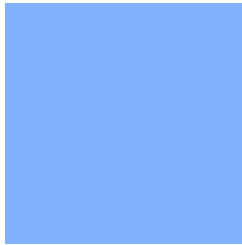
BF0048



400018

Previews

White Background



This preview shows how the Hex color 82B1FE looks on a white background.

Color Contrast Check

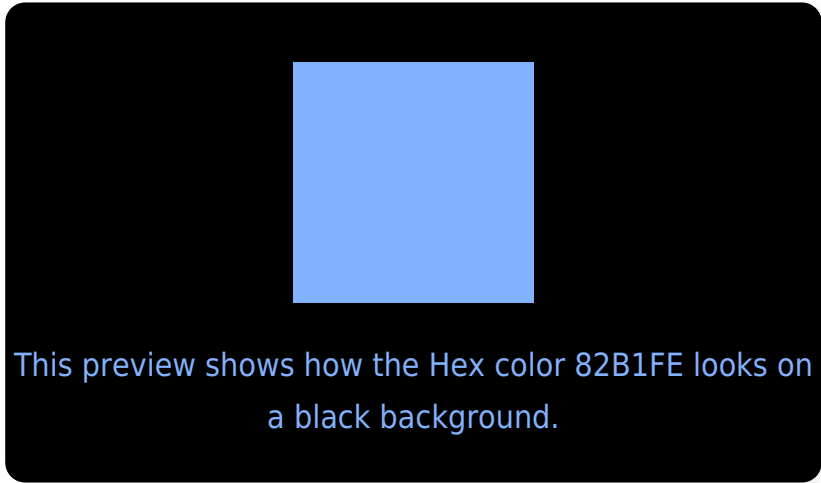
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

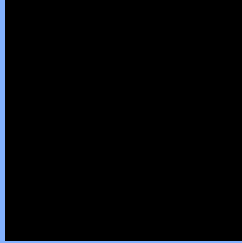
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

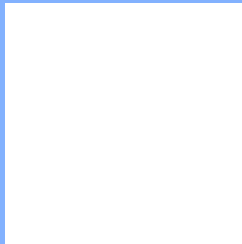
Any Text WCAG AAA ✓ Pass

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

Hex 82B1FE Background



This preview shows how black text looks on a background with the Hex color 82B1FE.

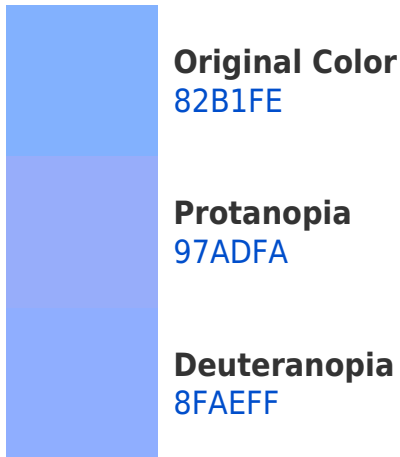


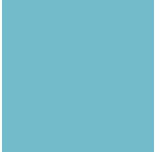
This preview shows how white text looks on a background with the Hex color 82B1FE.

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](#).

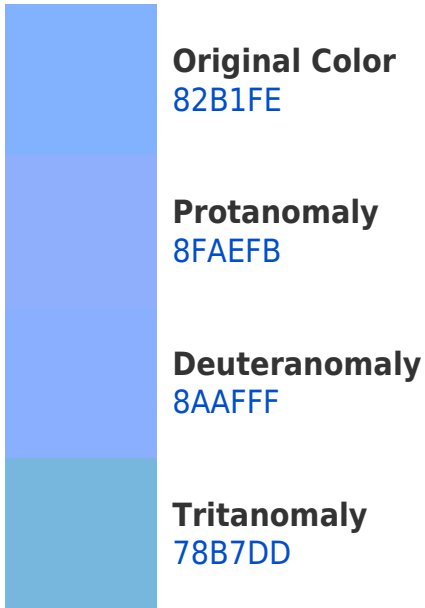
Dichromacy



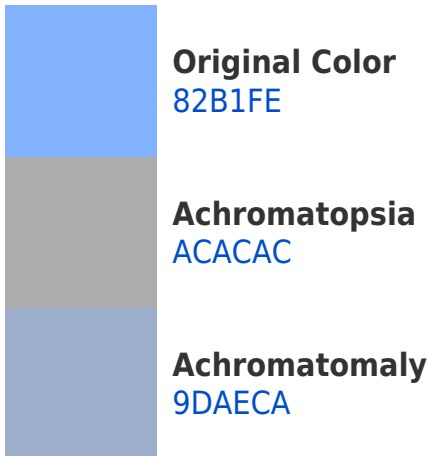


Tritanopia
72BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82B1FE 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 #82B1FE looks like.

```
.text, #text, p{  
    color:#82B1FE  
}
```

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 #82B1FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B1FE
}
```

Border

The CSS property to change the border of an element to Hex 82B1FE 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
#82B1FE }
```

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

```
.border{ border-color:#82B1FE }
```

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

Here you see how a box with a 4 pixel #82B1FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B1FE; -webkit-box-shadow:4px 4px  
4px 4px #82B1FE; box-shadow:4px 4px 4px  
4px #82B1FE }
```

Background

The CSS property to change the background color of an element to Hex 82B1FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B1FE }
```

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

```
.background{ background-color:#82B1FE }
```

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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