

Converting Colors

Hex(82B8FD)

Have a look what the booklet for
Hex(82B8FD) contains.

Hex(82B8FD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82B8FD)

Conversions

Conversions Part 1

Format	Color
Hex	82B8FD
RGB	130, 184, 253
RGB Percent	51%, 72%, 99%
CMY	0.4902, 0.2784, 0.0078
CMYK	0.49, 0.27, 0.00, 0.01
HSL	214°, 97%, 75%
HSV	214°, 49%, 99%
XYZ	44.0760, 46.1187, 99.5072
YIQ	175.7200, -54.3330, 10.0110

Conversions

Conversions Part 2

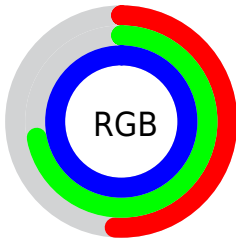
Format	Color
RYB	130, 168, 253
Decimal	8567037
CIELab	73.62, 0.71, -39.56
CIElCh	74, 39.571, 271.026
Yxy	46.1187, 0.2323, 0.2431
Android (android.graphics.Color)	4286757117 (0xFF82B8FD)
YUV	175.7200, 38.0990, -40.0964
Hunter-Lab	67.9107, -2.9921, -39.3381

Details

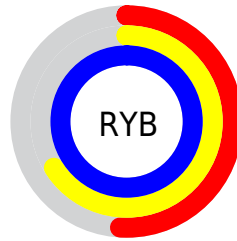
The Hex color **82B8FD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDC782**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BCF0FF**, and **4783C4** is the 20% darker color. If you saturate the color by 10%, you get **69AAFD**, and if you desaturate by 10%, it is **9BC6FD**.

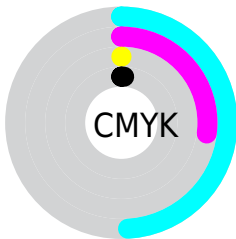
Distribution



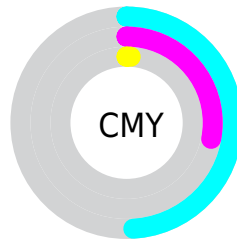
- Red (51%)
- Green (72%)
- Blue (99%)



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



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)



- Cyan (49%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82B8FD 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 82B8FD by changing the saturation by 10% instead.

 82B8FD

 82B8FD

FFFFFF

 659DE0

 BCF0FF

 4783C4

 DAFFFF

 236AA9

 F7FFFF

 00528E

 003C74

 00275B

 001243

 00032C

 000117

■ 82B8FD

■ 82B8FD

■ 69AAFD

■ 9BC6FD

■ 4F9CFD

■ B5D4FD

■ 368DFD

■ CEE3FD

■ 1D7FFD

■ E7F1FD

■ 0371FD

FFFFFD

■ 006FFD

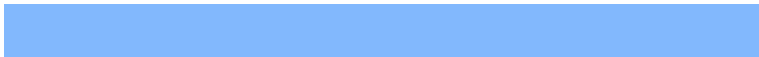
Harmonies

Analogous

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



40C2F3



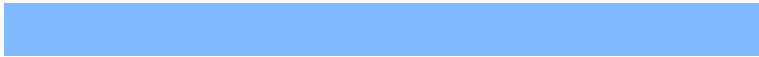
82B8FD



BBABF3

Triad

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



82B8FD



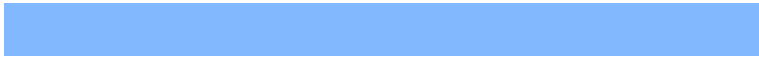
FA9C91



7AC591

Complementary

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



82B8FD



FDC782

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.



A6BE75



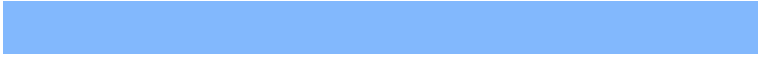
82B8FD



E9A676

Square

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



82B8FD



F999B5



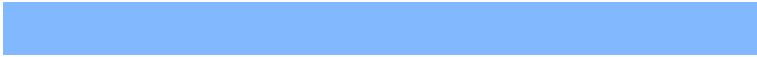
CCB36C



48C8B5

Rectangle

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



82B8FD



D8A2E3



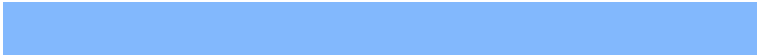
CCB36C



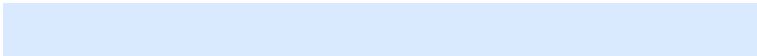
89C386

Sweetspot

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



82B8FD



D9EAFF



82FDC6



697380



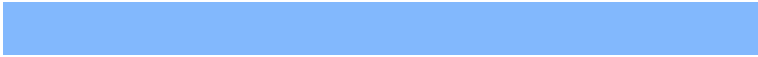
000000



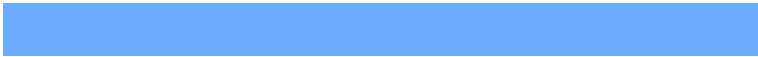
808080

Same Dimension

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



82B8FD



6BACFF



8882FD



737880



0054BF



001C40

Inverse Universe

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



FD82B8



FF6BAC



F7FD82



807378



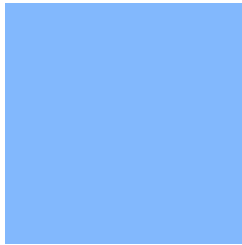
BF0054



40001C

Previews

White Background



This preview shows how the Hex color 82B8FD looks on a white background.

Color Contrast Check

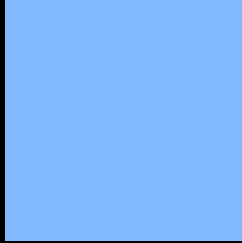
Large Text (above 18pt) WCAG AA × Fail

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 82B8FD 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

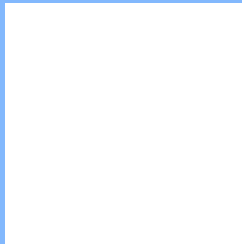
Any Text WCAG AAA ✓ Pass

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

Hex 82B8FD Background



This preview shows how black text looks on a background with the Hex color 82B8FD.



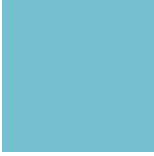
This preview shows how white text looks on a background with the Hex color 82B8FD.

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](#).

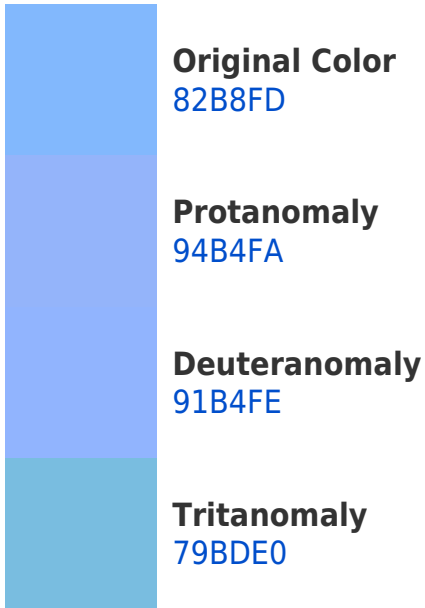
Dichromacy



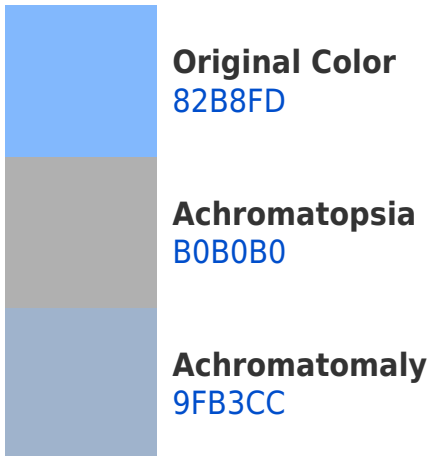


Tritanopia
74C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82B8FD 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 #82B8FD looks like.

```
.text, #text, p{  
    color:#82B8FD  
}
```

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 #82B8FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B8FD
}
```

Border

The CSS property to change the border of an element to Hex 82B8FD 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
#82B8FD }
```

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

```
.border{ border-color:#82B8FD }
```

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

Here you see how a box with a 4 pixel #82B8FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B8FD; -webkit-box-shadow:4px 4px  
4px 4px #82B8FD; box-shadow:4px 4px 4px  
4px #82B8FD }
```

Background

The CSS property to change the background color of an element to Hex 82B8FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B8FD }
```

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

```
.background{ background-color:#82B8FD }
```

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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