

Converting Colors

Hex(81D2FF)

Have a look what the booklet for
Hex(81D2FF) contains.

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Color

Hex(81D2FF)

Conversions

Conversions Part 1

Format	Color
Hex	81D2FF
RGB	129, 210, 255
RGB Percent	51%, 82%, 100%
CMY	0.4941, 0.1765, 0.0000
CMYK	0.49, 0.18, 0.00, 0.00
HSL	201°, 100%, 75%
HSV	201°, 49%, 100%
XYZ	50.1499, 57.9803, 103.1559
YIQ	190.9110, -62.7210, -3.1770

Conversions

Conversions Part 2

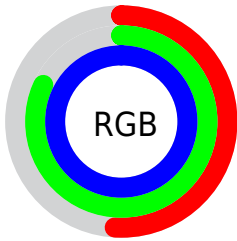
Format	Color
RYB	129, 178, 255
Decimal	8508159
CIELab	80.73, -12.90, -29.66
CIElCh	81, 32.342, 246.493
Yxy	57.9803, 0.2374, 0.2744
Android (android.graphics.Color)	4286698239 (0xFF81D2FF)
YUV	190.9110, 31.5959, -54.2959
Hunter-Lab	76.1448, -15.6912, -27.0208

Details

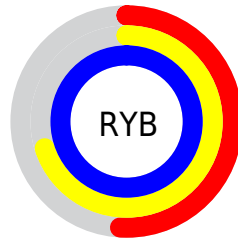
The Hex color **81D2FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFAE81**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BCFFFF**, and **449CC6** is the 20% darker color. If you saturate the color by 10%, you get **68C9FF**, and if you desaturate by 10%, it is **9BDBFF**.

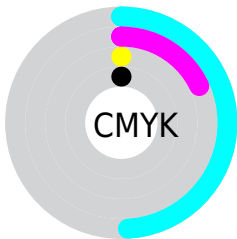
Distribution



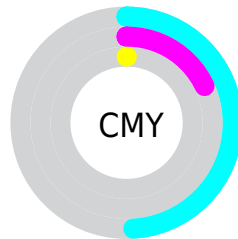
- Red (51%)
- Green (82%)
- Blue (100%)



- Red (51%)
- Yellow (70%)
- Blue (100%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81D2FF 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 81D2FF by changing the saturation by 10% instead.

 81D2FF

 81D2FF

FFFFFF

 63B6E2

 BCFFFF

 449CC6

 D9FFFF

 1E82AB

 F7FFFF

 006890

 005076

 00395D

 002446

 00092F

 00011A

■ 81D2FF

■ 81D2FF

■ 68C9FF

■ 9BDBFF

■ 4EC0FF

■ B4E4FF

■ 35B7FF

■ CEEDFF

■ 1BAEFF

■ E7F6FF

■ 02A4FF

FFFFFF

■ 00A4FF

Harmonies

Analogous

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



6AD8EB



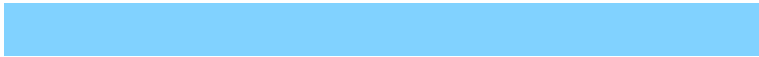
81D2FF



ABC9FF

Triad

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



81D2FF



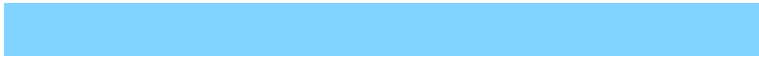
FFB2C3



B6D197

Complementary

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



81D2FF



FFAE81

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.



D7C98C



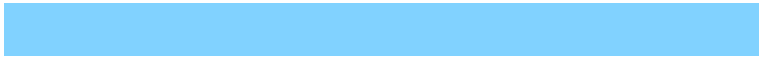
81D2FF



FFB6A6

Square

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



81D2FF



F5B5E1



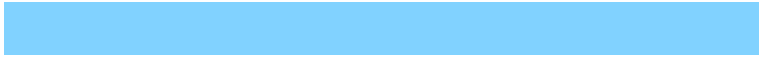
F2BE92



93D7AF

Rectangle

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



81D2FF



C8C2FE



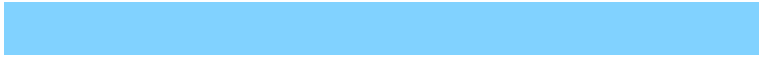
F2BE92



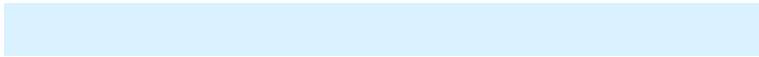
C2CF92

Sweetspot

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



81D2FF



D9F1FF



81FFAD



697780



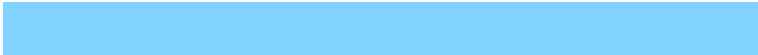
000000



808080

Same Dimension

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



81D2FF



69C9FF



8194FF



737B80



007BBF



002940

Inverse Universe

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



FF81D2



FF69C9



FFEC81



80737B



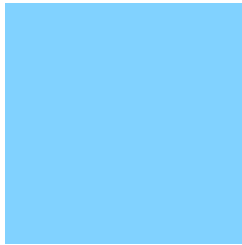
BF007B



400029

Previews

White Background



This preview shows how the Hex color 81D2FF looks on a white background.

Color Contrast Check

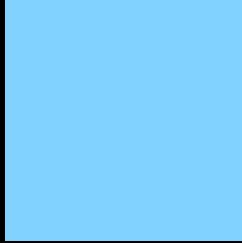
Large Text (above 18pt) WCAG AA × Fail

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 81D2FF 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

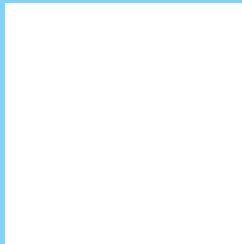
Any Text WCAG AAA ✓ Pass

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

Hex 81D2FF Background



This preview shows how black text looks on a background with the Hex color 81D2FF.

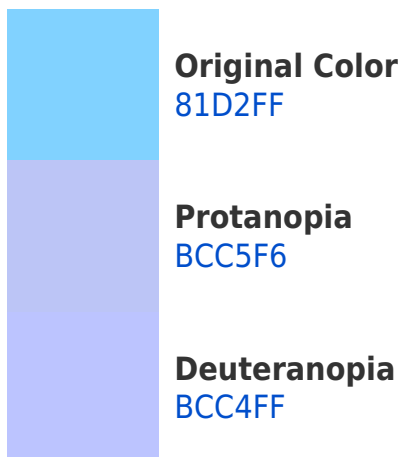


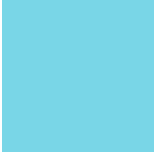
This preview shows how white text looks on a background with the Hex color 81D2FF.

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](#).

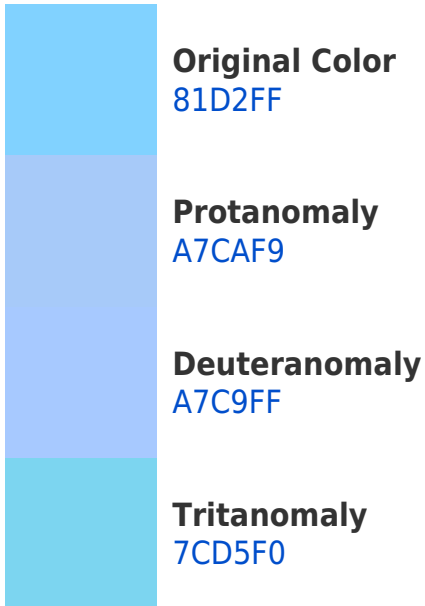
Dichromacy



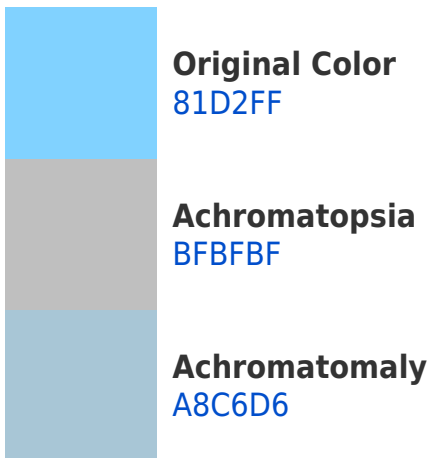


Tritanopia
79D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81D2FF 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 #81D2FF looks like.

```
.text, #text, p{  
    color:#81D2FF  
}
```

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 #81D2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D2FF  
}
```

Border

The CSS property to change the border of an element to Hex 81D2FF 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  
#81D2FF }
```

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

```
.border{ border-color:#81D2FF }
```

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

Here you see how a box with a 4 pixel #81D2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D2FF; -webkit-box-shadow:4px 4px  
4px 4px #81D2FF; box-shadow:4px 4px 4px  
4px #81D2FF }
```

Background

The CSS property to change the background color of an element to Hex 81D2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D2FF }
```

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

```
.background{ background-color:#81D2FF }
```

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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