

Converting Colors

Hex(81C7FF)

Have a look what the booklet for
Hex(81C7FF) contains.

Hex(81C7FF)	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(81C7FF)

Conversions

Conversions Part 1

Format	Color
Hex	81C7FF
RGB	129, 199, 255
RGB Percent	51%, 78%, 100%
CMY	0.4941, 0.2196, 0.0000
CMYK	0.49, 0.22, 0.00, 0.00
HSL	207°, 100%, 75%
HSV	207°, 49%, 100%
XYZ	47.5267, 52.7340, 102.2815
YIQ	184.4540, -59.6960, 2.5760

Conversions

Conversions Part 2

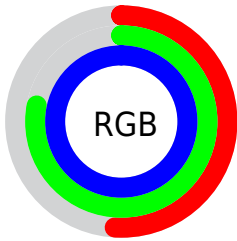
Format	Color
R_{YB}	129, 174, 255
Decimal	8505343
CIE _{Lab}	77.72, -7.10, -34.29
CIE _{LCh}	78, 35.018, 258.308
Yxy	52.7340, 0.2347, 0.2604
Android (android.graphics.Color)	4286695423 (0xFF81C7FF)
YUV	184.4540, 34.7792, -48.6332
Hunter-Lab	72.6182, -10.2582, -32.6763

Details

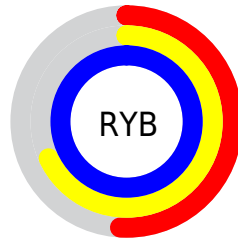
The Hex color **81C7FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB981**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BBFFFF**, and **4591C6** is the 20% darker color. If you saturate the color by 10%, you get **68BCFF**, and if you desaturate by 10%, it is **9BD2FF**.

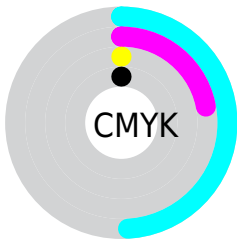
Distribution



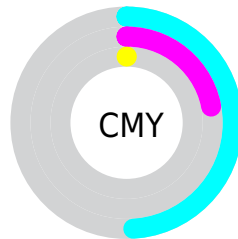
- Red (51%)
- Green (78%)
- Blue (100%)



- Red (51%)
- Yellow (68%)
- Blue (100%)



- Cyan (49%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C7FF 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 81C7FF by changing the saturation by 10% instead.

 81C7FF

 81C7FF

FFFFFF

 64ACE2

 BBFFFF

 4591C6

 D9FFFF

 1F78AB

 F7FFFF

 005F90

 004876

 00315D

 001D45

 00042F

 000119

 81C7FF

 81C7FF

 68BCFF

 9BD2FF

 4EB0FF


 B4DEFF

 35A5FF


 CEE9FF

 1B9AFF

 E7F4FF

 028EFF

FFFFFF

 008EFF

Harmonies

Analogous

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



59CEF0



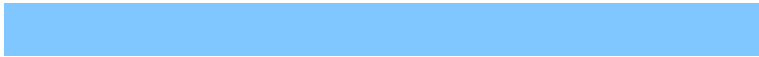
81C7FF



B3BCFD

Triad

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



81C7FF



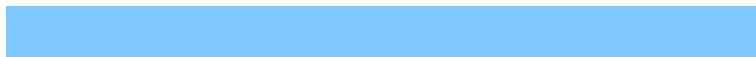
FFA8AD



9DCC94

Complementary

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



81C7FF



FFB981

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.



C2C482



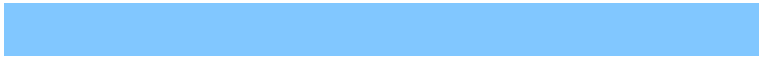
81C7FF



F8AF91

Square

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



81C7FF



F8A9CE



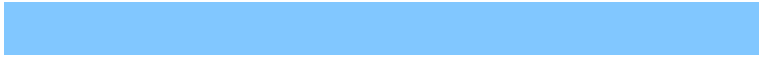
E2BA81



77D1B2

Rectangle

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



81C7FF



D0B4F3



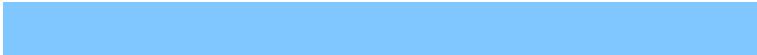
E2BA81



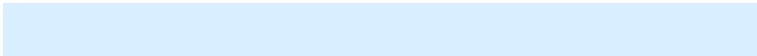
AACA8C

Sweetspot

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



81C7FF



D9EEFF



81FFB8



697580



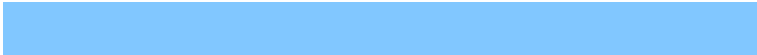
000000



808080

Same Dimension

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



81C7FF



69BCFF



8189FF



737A80



006ABF



002340

Inverse Universe

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



FF81C7



FF69BC



FFF781



80737A



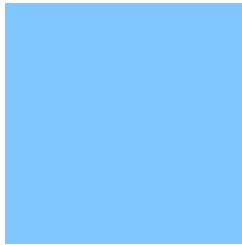
BF006A



400023

Previews

White Background



This preview shows how the Hex color 81C7FF looks on a white background.

Color Contrast Check

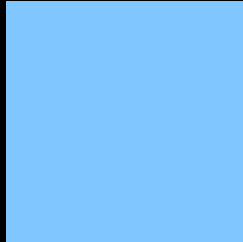
Large Text (above 18pt) WCAG AA × Fail

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 81C7FF 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

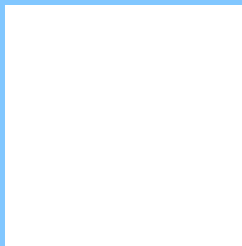
Any Text WCAG AAA ✓ Pass

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

Hex 81C7FF Background



This preview shows how black text looks on a background with the Hex color 81C7FF.

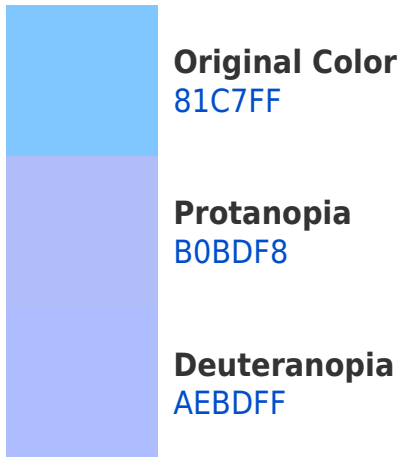


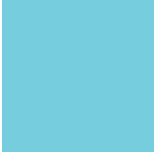
This preview shows how white text looks on a background with the Hex color 81C7FF.

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](#).

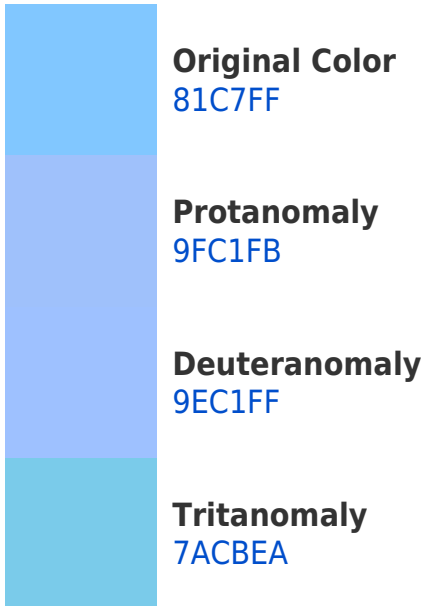
Dichromacy



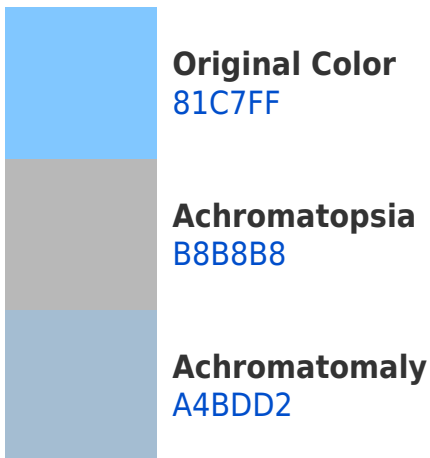


Tritanopia
76CDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C7FF 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 #81C7FF looks like.

```
.text, #text, p{  
    color:#81C7FF  
}
```

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 #81C7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C7FF  
}
```

Border

The CSS property to change the border of an element to Hex 81C7FF 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  
#81C7FF }
```

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

```
.border{ border-color:#81C7FF }
```

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

Here you see how a box with a 4 pixel #81C7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C7FF; -webkit-box-shadow:4px 4px  
4px 4px #81C7FF; box-shadow:4px 4px 4px  
4px #81C7FF }
```

Background

The CSS property to change the background color of an element to Hex 81C7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C7FF }
```

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

```
.background{ background-color:#81C7FF }
```

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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