

Converting Colors

Hex(81E2F8)

Have a look what the booklet for
Hex(81E2F8) contains.

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Color

Hex(81E2F8)

Conversions

Conversions Part 1

Format	Color
Hex	81E2F8
RGB	129, 226, 248
RGB Percent	51%, 89%, 97%
CMY	0.4941, 0.1137, 0.0275
CMYK	0.48, 0.09, 0.00, 0.03
HSL	191°, 89%, 74%
HSV	191°, 48%, 97%
XYZ	53.1929, 65.8372, 98.7112
YIQ	199.5050, -64.8740, -13.7220

Conversions

Conversions Part 2

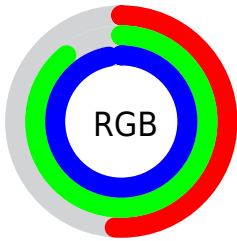
Format	Color
RYB	129, 182, 248
Decimal	8512248
CIELab	84.91, -22.93, -19.58
CIElCh	85, 30.151, 220.494
Yxy	65.8372, 0.2443, 0.3024
Android (android.graphics.Color)	4286702328 (0xFF81E2F8)
YUV	199.5050, 23.9080, -61.8329
Hunter-Lab	81.1401, -24.9762, -15.3314

Details

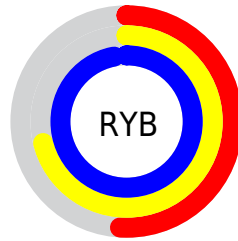
The Hex color **81E2F8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F89781**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BCFFFF**, and **44AAC0** is the 20% darker color. If you saturate the color by 10%, you get **68DDF8**, and if you desaturate by 10%, it is **9AE7F8**.

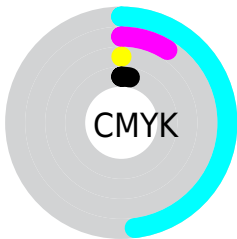
Distribution



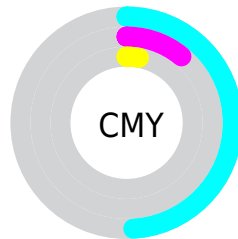
- Red (51%)
- Green (89%)
- Blue (97%)



- Red (51%)
- Yellow (71%)
- Blue (97%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E2F8 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 81E2F8 by changing the saturation by 10% instead.

 81E2F8

FFFFFF

 BCFFFF

 DAFFFF

 F8FFFF

 81E2F8

 63C6DB

 44AAC0

 1D90A4

 00768A


 005D71

 004558

 002E41

 001B2B

 000116

 81E2F8

 81E2F8

 68DDF8

 9AE7F8

 4FD9F8

 B3EBF8

 37D4F8

 CBF0F8

 1ED0F8

 E4F4F8

 05CBF8

 FDF9F8

 00CAF8

 FFFE8

 FFFF8

Harmonies

Analogous

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



85E4DD



81E2F8



98DCFF

Triad

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



81E2F8



FFC2E8



DFD59C

Complementary

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



81E2F8



F89781

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.



F9CC9F



81E2F8



FFBFCB

Square

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



81E2F8



E5C9FF



FFC3B0



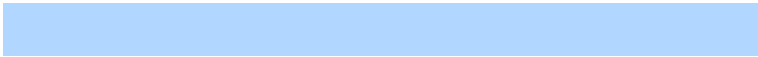
BFDDA8

Rectangle

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



81E2F8



B1D6FF



FFC3B0



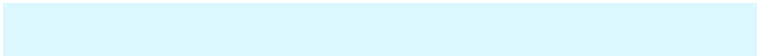
E8D29B

Sweetspot

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



81E2F8



DBF8FF



81F897



6A7B80



000000



808080

Same Dimension

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



81E2F8



6BE4FF



81A7F8



707B7D



009ABD



00323D

Inverse Universe

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



F881E2



FF6BE4



F8D281



7D707B



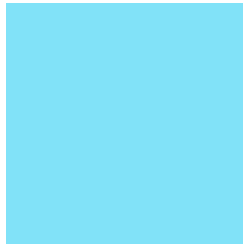
BD009A



3D0032

Previews

White Background



This preview shows how the Hex color 81E2F8 looks on a white background.

Color Contrast Check

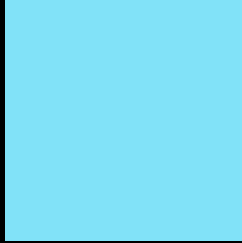
Large Text (above 18pt) WCAG AA × Fail

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 81E2F8 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 81E2F8 Background



This preview shows how black text looks on a background with the Hex color 81E2F8.

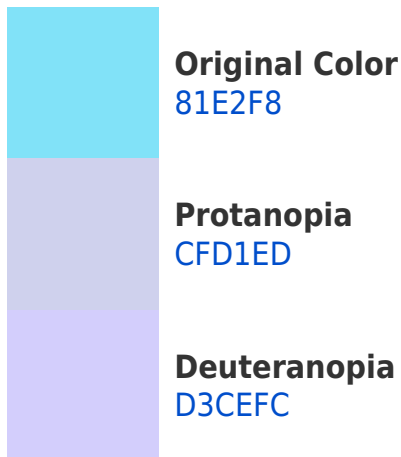


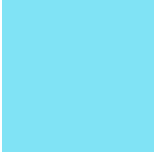
This preview shows how white text looks on a background with the Hex color 81E2F8.

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](#).

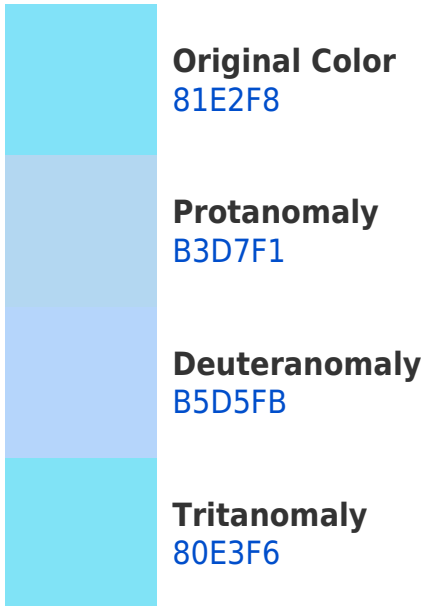
Dichromacy



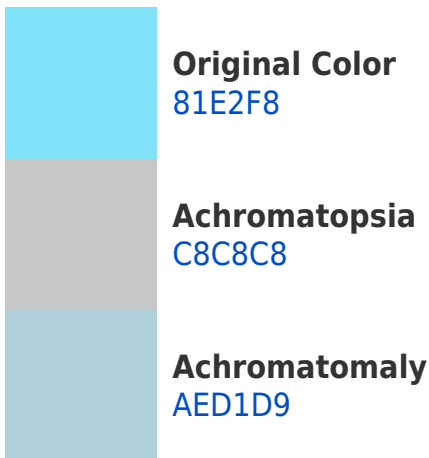


Tritanopia
80E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81E2F8 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 #81E2F8 looks like.

```
.text, #text, p{  
    color:#81E2F8  
}
```

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 #81E2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E2F8
}
```

Border

The CSS property to change the border of an element to Hex 81E2F8 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
#81E2F8 }
```

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

```
.border{ border-color:#81E2F8 }
```

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

Here you see how a box with a 4 pixel #81E2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E2F8; -webkit-box-shadow:4px 4px  
4px 4px #81E2F8; box-shadow:4px 4px 4px  
4px #81E2F8 }
```

Background

The CSS property to change the background color of an element to Hex 81E2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E2F8 }
```

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

```
.background{ background-color:#81E2F8 }
```

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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