

Converting Colors

Hex(81E2F3)

Have a look what the booklet for
Hex(81E2F3) contains.

Hex(81E2F3)	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(81E2F3)

Conversions

Conversions Part 1

Format	Color
Hex	81E2F3
RGB	129, 226, 243
RGB Percent	51%, 89%, 95%
CMY	0.4941, 0.1137, 0.0471
CMYK	0.47, 0.07, 0.00, 0.05
HSL	189°, 83%, 73%
HSV	189°, 47%, 95%
XYZ	52.4273, 65.5309, 94.6795
YIQ	198.9350, -63.2690, -15.2770

Conversions

Conversions Part 2

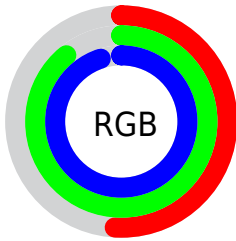
Format	Color
R _Y B	129, 181, 243
Decimal	8512243
CIE Lab	84.76, -24.24, -17.18
CIE LCh	85, 29.709, 215.323
Yxy	65.5309, 0.2466, 0.3082
Android (android.graphics.Color)	4286702323 (0xFF81E2F3)
YUV	198.9350, 21.7240, -61.3330
Hunter-Lab	80.9512, -26.0606, -12.6791

Details

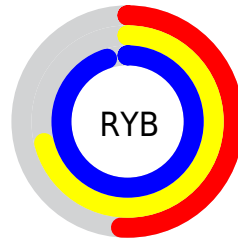
The Hex color **81E2F3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F39281**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BCFFFF**, and **44AABB** is the 20% darker color. If you saturate the color by 10%, you get **69DEF3**, and if you desaturate by 10%, it is **99E6F3**.

Distribution



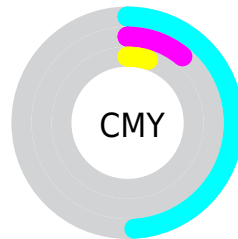
- Red (51%)
- Green (89%)
- Blue (95%)



- Red (51%)
- Yellow (71%)
- Blue (95%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E2F3 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 81E2F3 by changing the saturation by 10% instead.

 81E2F3

FFFFFF

 BCFFFF

 D9FFFF

 F7FFFF

 81E2F3

 63C6D7

 44AABB

 1F90A0

 007686

 005D6C

 004554

 002E3D

 001B27

 000112

81E2F3

81E2F3

69DEF3

99E6F3

50DBF3

B2E9F3

38D7F3

CAEDF3

20D4F3

E2F0F3

08D0F3

FBF4F3

00CFF3

FFF8F3

FFFBF3

FFFFF3

Harmonies

Analogous

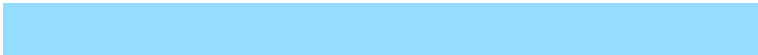
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AE3D8



81E2F3



94DDFF

Triad

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



81E2F3



FCC2EC



E3D39C

Complementary

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



81E2F3



F39281

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.



FCCAA1



81E2F3



FFBFD0

Square

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



81E2F3



DECBBF



FFC2B4



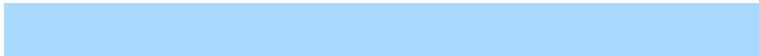
C4DCA5

Rectangle

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



81E2F3



ABD8FF



FFC2B4



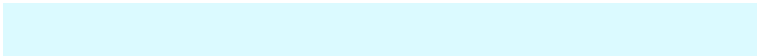
ECD09C

Sweetspot

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



81E2F3



DBFAFF



81F390



6A7C80



000000



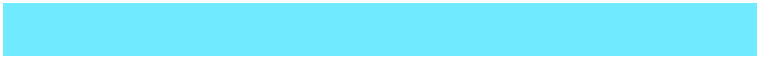
808080

Same Dimension

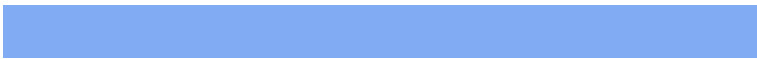
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81E2F3



70EAF3



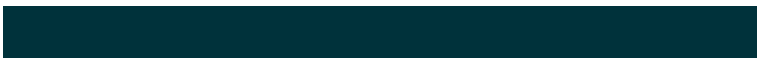
81ABF3



6E797A



009EBA



00323B

Inverse Universe

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



F381E2



FF70EA



F3C981



7A6E79



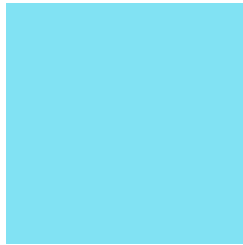
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 81E2F3 looks on a white background.

Color Contrast Check

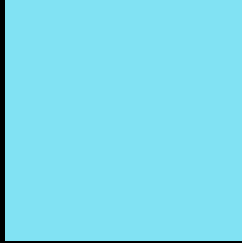
Large Text (above 18pt) WCAG AA × Fail

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 81E2F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

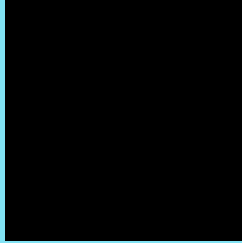
Any Text WCAG AA ✓ Pass

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 81E2F3 Background



This preview shows how black text looks on a background with the Hex color 81E2F3.

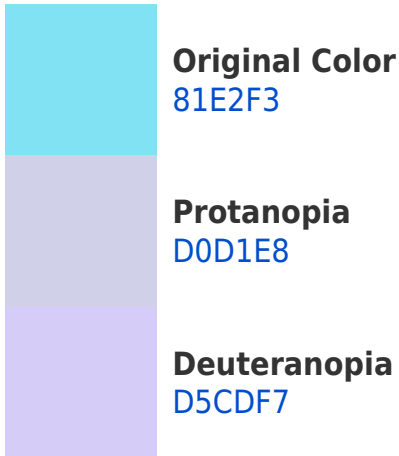


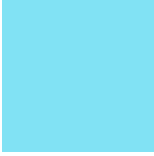
This preview shows how white text looks on a background with the Hex color 81E2F3.

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](#).

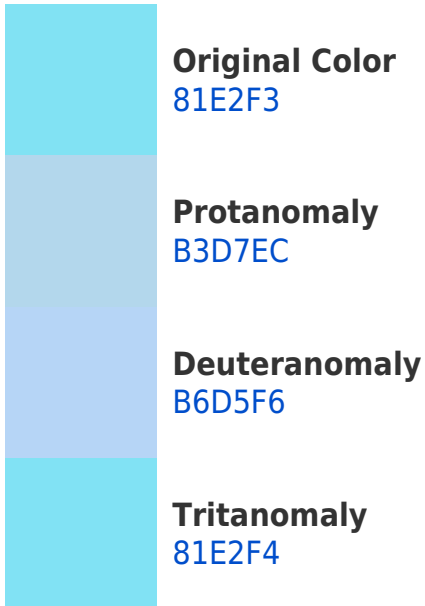
Dichromacy



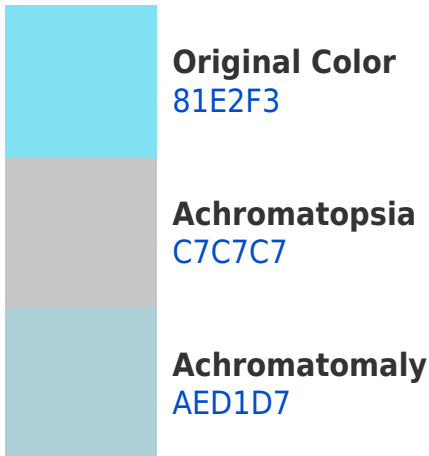


Tritanopia
81E2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81E2F3 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 #81E2F3 looks like.

```
.text, #text, p{  
    color:#81E2F3  
}
```

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 #81E2F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E2F3
}
```

Border

The CSS property to change the border of an element to Hex 81E2F3 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
#81E2F3 }
```

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

```
.border{ border-color:#81E2F3 }
```

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

Here you see how a box with a 4 pixel #81E2F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E2F3; -webkit-box-shadow:4px 4px  
4px 4px #81E2F3; box-shadow:4px 4px 4px  
4px #81E2F3 }
```

Background

The CSS property to change the background color of an element to Hex 81E2F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E2F3 }
```

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

```
.background{ background-color:#81E2F3 }
```

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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