

Converting Colors

Hex(81E3F2)

Have a look what the booklet for
Hex(81E3F2) contains.

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Color

Hex(81E3F2)

Conversions

Conversions Part 1

Format	Color
Hex	81E3F2
RGB	129, 227, 242
RGB Percent	51%, 89%, 95%
CMY	0.4941, 0.1098, 0.0510
CMYK	0.47, 0.06, 0.00, 0.05
HSL	188°, 81%, 73%
HSV	188°, 47%, 95%
XYZ	52.5494, 66.0161, 93.9771
YIQ	199.4080, -63.2230, -16.1110

Conversions

Conversions Part 2

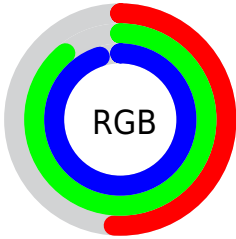
Format	Color
R_{YB}	129, 181, 242
Decimal	8512498
CIE _{Lab}	85.00, -24.99, -16.28
CIE _{LCh}	85, 29.824, 213.076
Yxy	66.0161, 0.2472, 0.3106
Android (android.graphics.Color)	4286702578 (0xFF81E3F2)
YUV	199.4080, 20.9979, -61.7478
Hunter-Lab	81.2503, -26.7415, -11.7018

Details

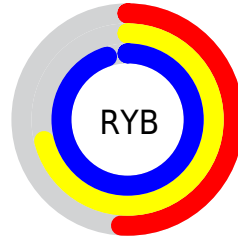
The Hex color **81E3F2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F29081**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BCFFFF**, and **44ABBA** is the 20% darker color. If you saturate the color by 10%, you get **69E0F2**, and if you desaturate by 10%, it is **99E6F2**.

Distribution



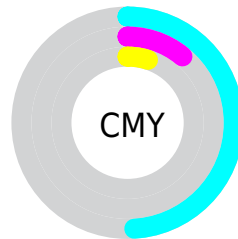
- Red (51%)
- Green (89%)
- Blue (95%)



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



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 81E3F2 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 81E3F2 by changing the saturation by 10% instead.

 81E3F2

FFFFFF

 BCFFFF

 D9FFFF

 F7FFFF

 81E3F2

 63C7D6

 44ABBA

 1F919F

 007785

 005E6C

 004653

 002F3C

 001B26

 000111

81E3F2

81E3F2

69E0F2

99E6F2

51DDF2

B1E9F2

38D9F2

CAEDF2

20D6F2

E2F0F2

08D3F2

FAF3F2

00D2F2

FFF6F2

FFF9F2

FFFDF2

FFFFF2

Harmonies

Analogous

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



8CE4D6



81E3F2



92DEFF

Triad

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



81E3F2



FBC4EE



E6D39C

Complementary

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



81E3F2



F29081

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.



FFCAA3



81E3F2



FFC0D2

Square

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



81E3F2



DCCCFE



FFC2B7



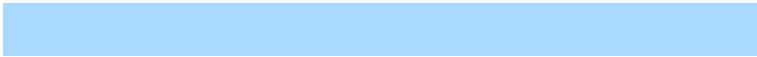
C7DCA5

Rectangle

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



81E3F2



A9D9FF



FFC2B7



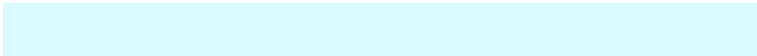
EFD09D

Sweetspot

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



81E3F2



DBFAFF



81F28E



6A7D80



000000



808080

Same Dimension

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



81E3F2



70ECFF



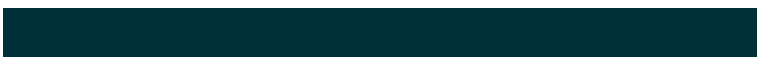
81ACF2



6C7678



009FB8



003138

Inverse Universe

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



F281E3



FF70EC



F2C781



786C76



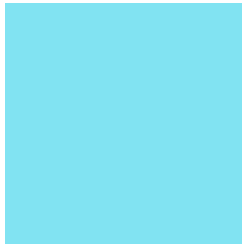
B8009F



380031

Previews

White Background



This preview shows how the Hex color 81E3F2 looks on a white background.

Color Contrast Check

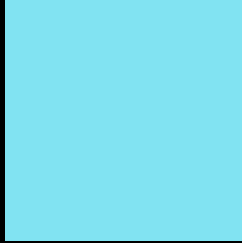
Large Text (above 18pt) WCAG AA × Fail

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 81E3F2 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 81E3F2 Background



This preview shows how black text looks on a background with the Hex color 81E3F2.



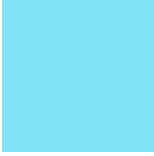
This preview shows how white text looks on a background with the Hex color 81E3F2.

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



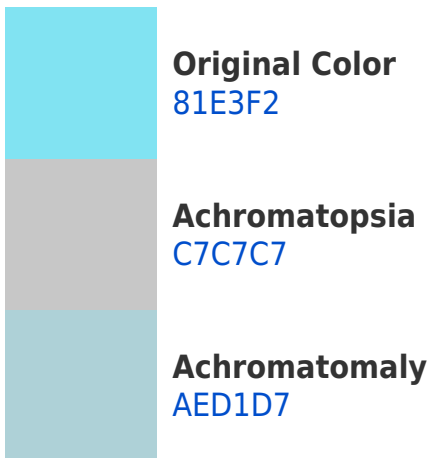


Tritanopia
82E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81E3F2 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 #81E3F2 looks like.

```
.text, #text, p{  
    color:#81E3F2  
}
```

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 #81E3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E3F2
}
```

Border

The CSS property to change the border of an element to Hex 81E3F2 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
#81E3F2 }
```

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

```
.border{ border-color:#81E3F2 }
```

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

Here you see how a box with a 4 pixel #81E3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E3F2; -webkit-box-shadow:4px 4px  
4px 4px #81E3F2; box-shadow:4px 4px 4px  
4px #81E3F2 }
```

Background

The CSS property to change the background color of an element to Hex 81E3F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E3F2 }
```

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

```
.background{ background-color:#81E3F2 }
```

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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