

Converting Colors

Hex(81B0EB)

Have a look what the booklet for
Hex(81B0EB) contains.

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Color

Hex(81B0EB)

Conversions

Conversions Part 1

Format	Color
Hex	81B0EB
RGB	129, 176, 235
RGB Percent	51%, 69%, 92%
CMY	0.4941, 0.3098, 0.0784
CMYK	0.45, 0.25, 0.00, 0.08
HSL	213°, 73%, 71%
HSV	213°, 45%, 92%
XYZ	39.5740, 41.7160, 84.5635
YIQ	168.6730, -46.9510, 8.3850

Conversions

Conversions Part 2

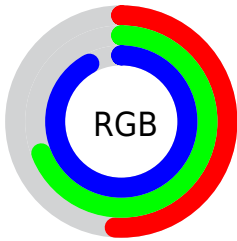
Format	Color
RYB	129, 162, 235
Decimal	8499435
CIELab	70.67, -0.24, -34.40
CIELCh	71, 34.401, 269.603
Yxy	41.7160, 0.2386, 0.2515
Android (android.graphics.Color)	4286689515 (0xFF81B0EB)
YUV	168.6730, 32.6992, -34.7932
Hunter-Lab	64.5879, -3.6591, -32.4155

Details

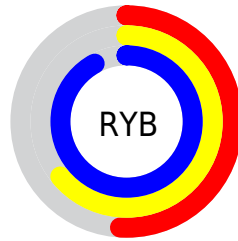
The Hex color **81B0EB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBBC81**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BAE7FF**, and **487CB3** is the 20% darker color. If you saturate the color by 10%, you get **6AA3EB**, and if you desaturate by 10%, it is **99BDEB**.

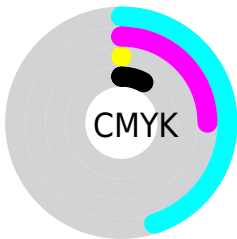
Distribution



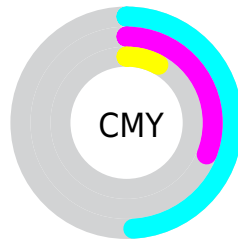
- Red (51%)
- Green (69%)
- Blue (92%)



- Red (51%)
- Yellow (64%)
- Blue (92%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B0EB 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 81B0EB by changing the saturation by 10% instead.

 81B0EB

 81B0EB

FFFFFF

 6595CF

 BAE7FF

 487CB3

 D7FFFF

 296398

 F4FFFF

 004B7E

 003565

 00204C

 000735

 00021F

 000003

81B0EB

81B0EB

6AA3EB

99BDEB

5296EB

B0CAEB

3A89EB

C8D7EB

237CEB

DFE4EB

0C6FEB

F7F1EB

0068EB

FFFEEB

FFFFEB

Harmonies

Analogous

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



51B8E2



81B0EB



B0A5E3

Triad

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



81B0EB



EA9790



7DBB8C

Complementary

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



81B0EB



EBBC81

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.



A2B476



81B0EB



DCA078

Square

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



81B0EB



E895AF



C3AB6E



57BEAB

Rectangle

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



81B0EB



CA9ED6



C3AB6E



8AB983

Sweetspot

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



81B0EB



DBEBFF



81EBBB



6A7380



000000



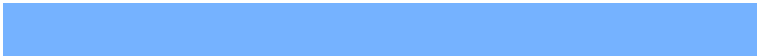
808080

Same Dimension

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



81B0EB



75B2FF



8681EB



6A6F75



0050B5



001836

Inverse Universe

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



EB81B0



FF75B2



E6EB81



756A6F



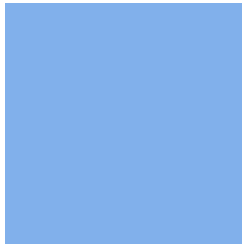
B50050



360018

Previews

White Background



This preview shows how the Hex color 81B0EB looks on a white background.

Color Contrast Check

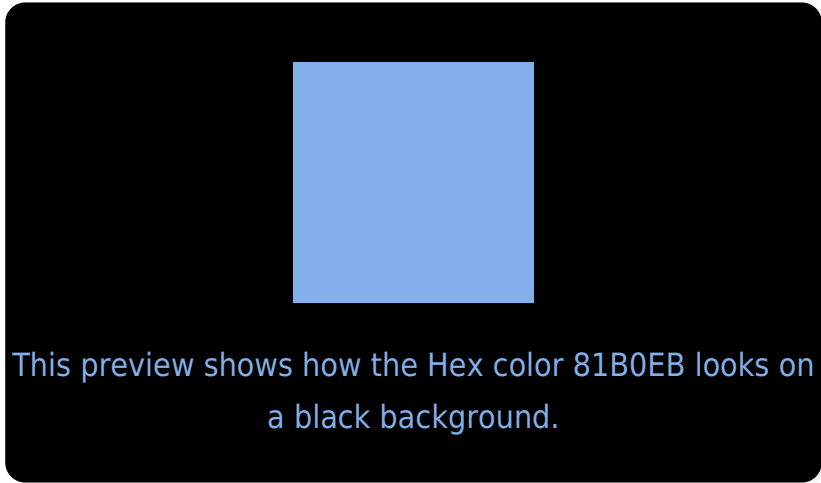
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

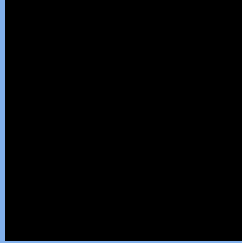
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

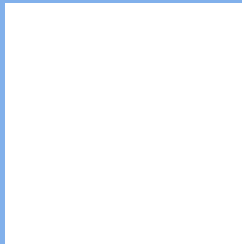
Any Text WCAG AAA ✓ Pass

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

Hex 81B0EB Background



This preview shows how black text looks on a background with the Hex color 81B0EB.



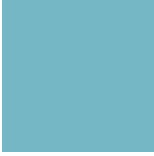
This preview shows how white text looks on a background with the Hex color 81B0EB.

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](#).

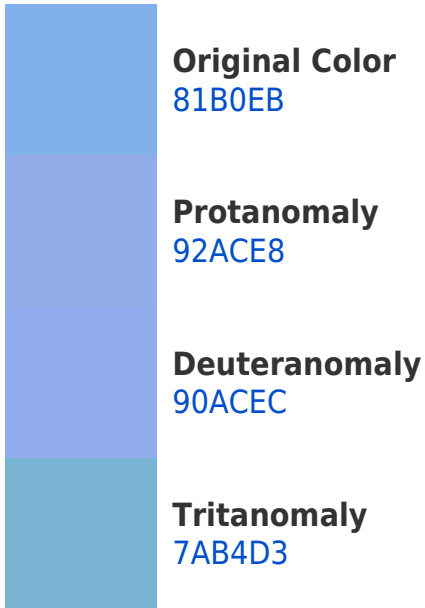
Dichromacy



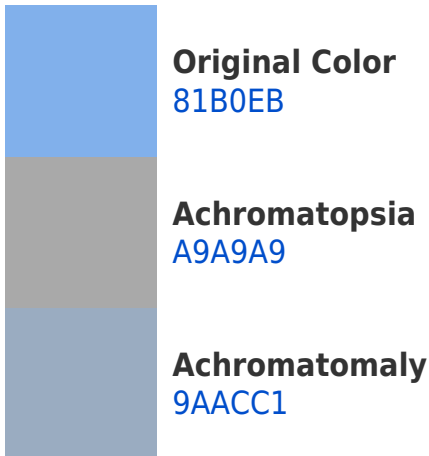


Tritanopia
76B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B0EB 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 #81B0EB looks like.

```
.text, #text, p{  
    color:#81B0EB  
}
```

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 #81B0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B0EB
}
```

Border

The CSS property to change the border of an element to Hex 81B0EB 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
#81B0EB }
```

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

```
.border{ border-color:#81B0EB }
```

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

Here you see how a box with a 4 pixel #81B0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B0EB; -webkit-box-shadow:4px 4px  
4px 4px #81B0EB; box-shadow:4px 4px 4px  
4px #81B0EB }
```

Background

The CSS property to change the background color of an element to Hex 81B0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B0EB }
```

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

```
.background{ background-color:#81B0EB }
```

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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