

Converting Colors

Hex(81A1E9)

Have a look what the booklet for
Hex(81A1E9) contains.

Hex(81A1E9)	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(81A1E9)

Conversions

Conversions Part 1

Format	Color
Hex	81A1E9
RGB	129, 161, 233
RGB Percent	51%, 63%, 91%
CMY	0.4941, 0.3686, 0.0863
CMYK	0.45, 0.31, 0.00, 0.09
HSL	222°, 70%, 71%
HSV	222°, 45%, 91%
XYZ	36.5061, 36.0401, 82.1231
YIQ	159.6400, -42.1840, 15.6080

Conversions

Conversions Part 2

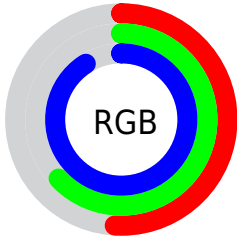
Format	Color
RYB	129, 153, 233
Decimal	8495593
CIELab	66.55, 7.63, -39.72
CIElCh	67, 40.451, 280.872
Yxy	36.0401, 0.2360, 0.2330
Android (android.graphics.Color)	4286685673 (0xFF81A1E9)
YUV	159.6400, 36.1665, -26.8713
Hunter-Lab	60.0334, 3.4869, -39.0829

Details

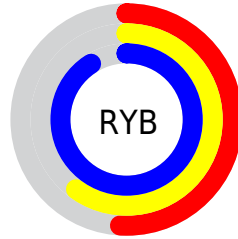
The Hex color **81A1E9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E9C981**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BAD8FF**, and **496EB1** is the 20% darker color. If you saturate the color by 10%, you get **6A91E9**, and if you desaturate by 10%, it is **98B1E9**.

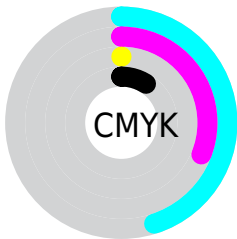
Distribution



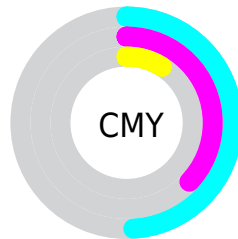
- Red (51%)
- Green (63%)
- Blue (91%)



- Red (51%)
- Yellow (60%)
- Blue (91%)



- Cyan (45%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A1E9 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 81A1E9 by changing the saturation by 10% instead.

■ 81A1E9

■ 81A1E9

FFFFFF

■ 6587CD

■ BAD8FF

■ 496EB1

■ D7F4FF

■ 2A5696

■ F4FFFF

■ 003F7C

■ 002963

■ 00164A

■ 000433

■ 00021D

■ 000000

81A1E9

81A1E9

6A91E9

98B1E9

5281E9

B0C1E9

3B71E9

C7D1E9

2460E9

DEE2E9

0C50E9

F6F2E9

0048E9

FFFFE9

Harmonies

Analogous

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



36ACE6



81A1E9



B793D9

Triad

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



81A1E9



E28B74



54B389

Complementary

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



81A1E9



E9C981

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.



84AE69



81A1E9



CD985D

Square

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



81A1E9



E88596



ACA459



00B5AE

Rectangle

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



81A1E9



D08BC6



ACA459



66B27D

Sweetspot

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



81A1E9



DEE8FF



81E9C8



6B7180



000000



808080

Same Dimension

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



81A1E9



75A0FF



9481E9



6A6D75



0038B5



001036

Inverse Universe

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



E981A1



FF75A0



D6E981



756A6D



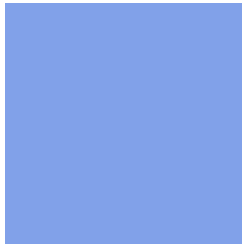
B50038



360010

Previews

White Background



This preview shows how the Hex color 81A1E9 looks on a white background.

Color Contrast Check

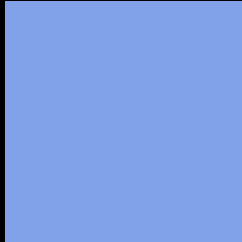
Large Text (above 18pt) WCAG AA × Fail

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 81A1E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

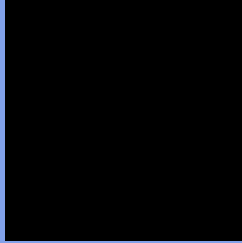
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

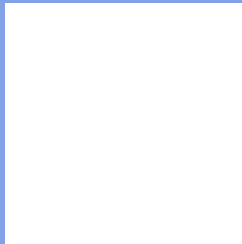
Any Text WCAG AAA ✓ Pass

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

Hex 81A1E9 Background



This preview shows how black text looks on a background with the Hex color 81A1E9.



This preview shows how white text looks on a background with the Hex color 81A1E9.

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



Original Color
81A1E9

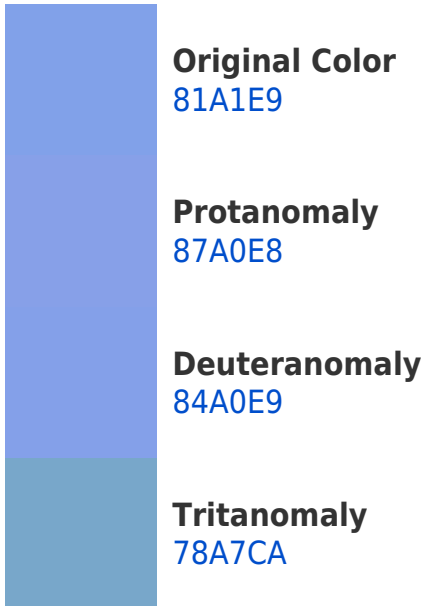
Protanopia
8A9FE7

Deuteranopia
85A0E9

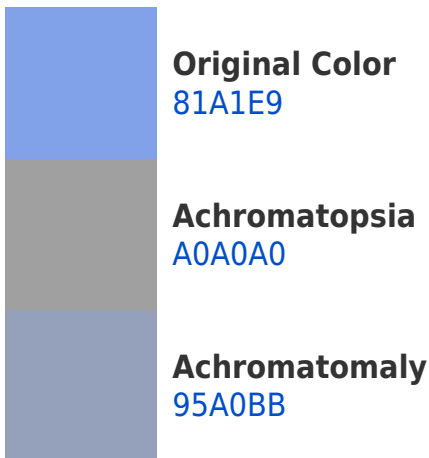


Tritanopia
73AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A1E9 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 #81A1E9 looks like.

```
.text, #text, p{  
    color:#81A1E9  
}
```

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 #81A1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A1E9
}
```

Border

The CSS property to change the border of an element to Hex 81A1E9 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
#81A1E9 }
```

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

```
.border{ border-color:#81A1E9 }
```

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

Here you see how a box with a 4 pixel #81A1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A1E9; -webkit-box-shadow:4px 4px  
4px 4px #81A1E9; box-shadow:4px 4px 4px  
4px #81A1E9 }
```

Background

The CSS property to change the background color of an element to Hex 81A1E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A1E9 }
```

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

```
.background{ background-color:#81A1E9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor