

Converting Colors

Hex(81ACF0)

Have a look what the booklet for
Hex(81ACF0) contains.

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Color

Hex(81ACF0)

Conversions

Conversions Part 1

Format	Color
Hex	81ACF0
RGB	129, 172, 240
RGB Percent	51%, 67%, 94%
CMY	0.4941, 0.3255, 0.0588
CMYK	0.46, 0.28, 0.00, 0.06
HSL	217°, 79%, 72%
HSV	217°, 46%, 94%
XYZ	39.5340, 40.4634, 88.1646
YIQ	166.8950, -47.4560, 12.0320

Conversions

Conversions Part 2

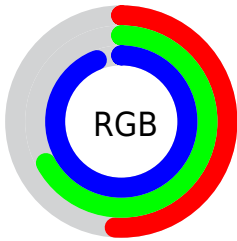
Format	Color
R _Y B	129, 160, 240
Decimal	8498416
CIE Lab	69.80, 3.41, -38.48
CIE LCh	70, 38.635, 275.068
Yxy	40.4634, 0.2351, 0.2406
Android (android.graphics.Color)	4286688496 (0xFF81ACF0)
YUV	166.8950, 36.0408, -33.2339
Hunter-Lab	63.6109, -0.3819, -37.6483

Details

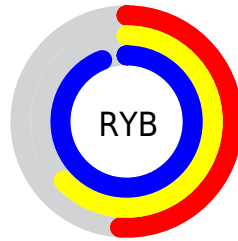
The Hex color **81ACF0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F0C581**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BAE3FF**, and **4878B8** is the 20% darker color. If you saturate the color by 10%, you get **699DF0**, and if you desaturate by 10%, it is **99BBF0**.

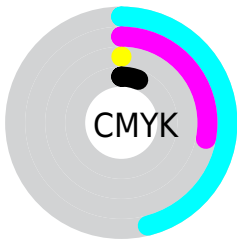
Distribution



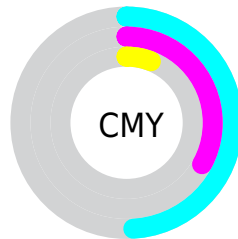
- Red (51%)
- Green (67%)
- Blue (94%)



- Red (51%)
- Yellow (63%)
- Blue (94%)



- Cyan (46%)
- Magenta (28%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (33%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81ACF0 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 81ACF0 by changing the saturation by 10% instead.

 81ACF0

 81ACF0

FFFFFF

 6592D3

 BAE3FF

 4878B8

 D7FFFF

 275F9D


 F5FFFF

 004882

 003269

 001E50

 000339

 000222

 000009

■ 81ACF0

■ 81ACF0

■ 699DF0

■ 99BBF0

■ 518FF0

■ B1C9F0

■ 3980F0

■ C9D8F0

■ 2171F0

■ E1E7F0

■ 0962F0

■ F9F6F0

■ 005DF0

■ FFFFF0

Harmonies

Analogous

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



40B6E9



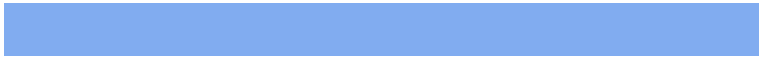
81ACF0



B69FE4

Triad

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



81ACF0



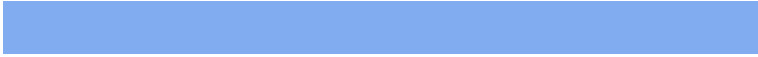
EC9384



6BBB8C

Complementary

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



81ACF0



F0C581

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.



96B470



81ACF0



DA9E6C

Square

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



81ACF0



ED8FA6



BCAA64



38BDB0

Rectangle

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



81ACF0



D197D3



BCAA64



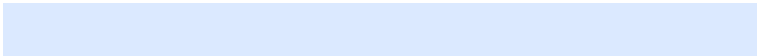
7AB981

Sweetspot

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



81ACF0



DBE9FF



81F0C4



6A7280



000000



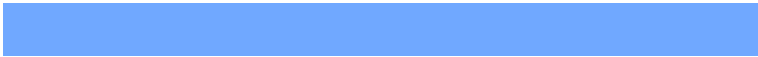
808080

Same Dimension

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



81ACF0



70A8FF



8C81F0



6C7178



0047B8



001638

Inverse Universe

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



F081AC



FF70A8



E5F081



786C71



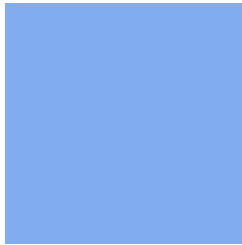
B80047



380016

Previews

White Background



This preview shows how the Hex color 81ACF0 looks on a white background.

Color Contrast Check

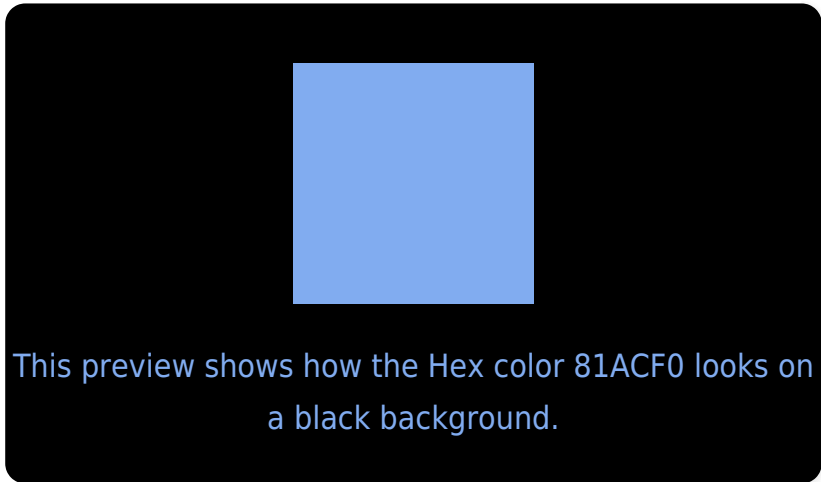
Large Text (above 18pt) WCAG AA × Fail

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

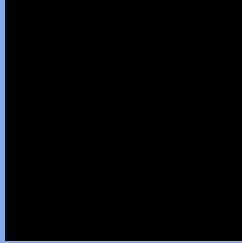
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

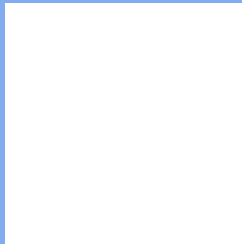
Any Text WCAG AAA ✓ Pass

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

Hex 81ACF0 Background



This preview shows how black text looks on a background with the Hex color 81ACF0.

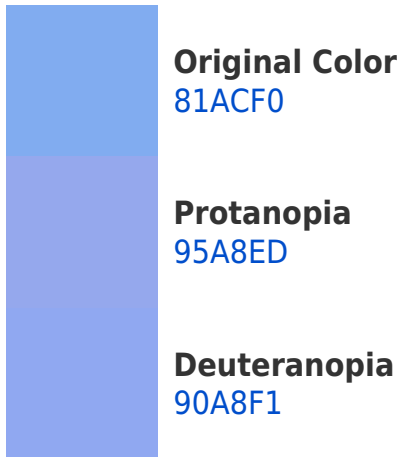


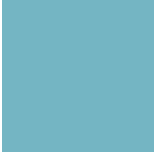
This preview shows how white text looks on a background with the Hex color 81ACF0.

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](#).

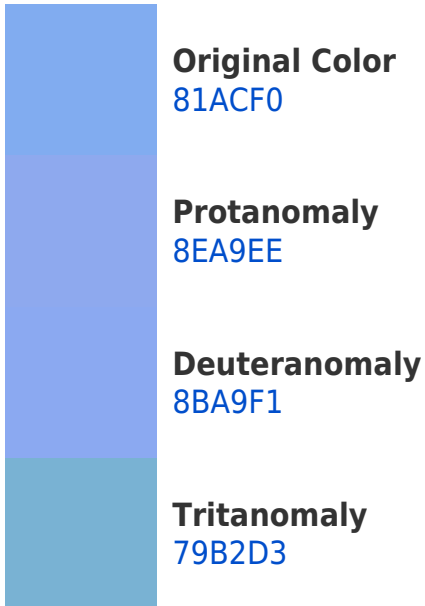
Dichromacy



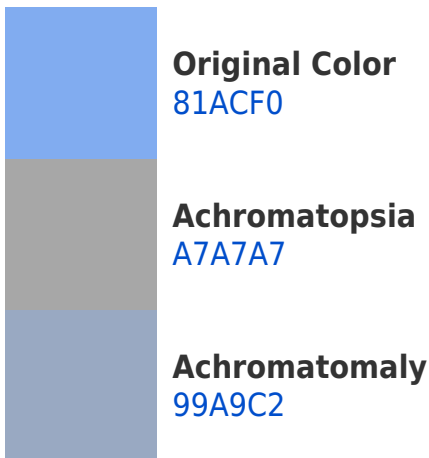


Tritanopia
74B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81ACF0 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 #81ACF0 looks like.

```
.text, #text, p{  
    color:#81ACF0  
}
```

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 #81ACF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81ACF0
}
```

Border

The CSS property to change the border of an element to Hex 81ACF0 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
#81ACF0 }
```

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

```
.border{ border-color:#81ACF0 }
```

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

Here you see how a box with a 4 pixel #81ACF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81ACF0; -webkit-box-shadow:4px 4px  
4px 4px #81ACF0; box-shadow:4px 4px 4px  
4px #81ACF0 }
```

Background

The CSS property to change the background color of an element to Hex 81ACF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81ACF0 }
```

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

```
.background{ background-color:#81ACF0 }
```

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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