

Converting Colors

Hex(81A0F5)

Have a look what the booklet for
Hex(81A0F5) contains.

Hex(81A0F5)	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(81A0F5)

Conversions

Conversions Part 1

Format	Color
Hex	81A0F5
RGB	129, 160, 245
RGB Percent	51%, 63%, 96%
CMY	0.4941, 0.3725, 0.0392
CMYK	0.47, 0.35, 0.00, 0.04
HSL	224°, 85%, 73%
HSV	224°, 47%, 96%
XYZ	38.1055, 36.4013, 91.4040
YIQ	160.4210, -45.7610, 19.8630

Conversions

Conversions Part 2

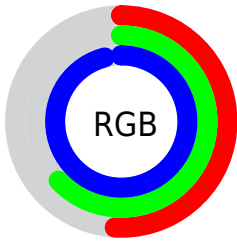
Format	Color
R _Y B	129, 153, 245
Decimal	8495349
CIE Lab	66.83, 11.68, -45.87
CIE LCh	67, 47.329, 284.283
Yxy	36.4013, 0.2297, 0.2194
Android (android.graphics.Color)	4286685429 (0xFF81A0F5)
YUV	160.4210, 41.6974, -27.5562
Hunter-Lab	60.3335, 7.1536, -47.5897

Details

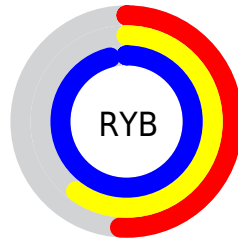
The Hex color **81A0F5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F5D681**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BBD6FF**, and **476DBC** is the 20% darker color. If you saturate the color by 10%, you get **698EF5**, and if you desaturate by 10%, it is **9AB2F5**.

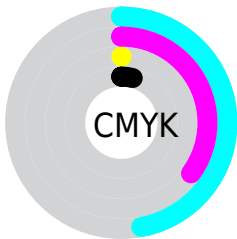
Distribution



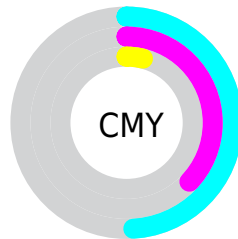
- Red (51%)
- Green (63%)
- Blue (96%)



- Red (51%)
- Yellow (60%)
- Blue (96%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A0F5 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 81A0F5 by changing the saturation by 10% instead.

 81A0F5

 81A0F5

FFFFFF

 6486D8

 BBD6FF

 476DBC

 D8F3FF

 2555A1

 F6FFFF

 003E86

 00296D

 001654

 00063C

 000225

 00010E

■ 81A0F5

■ 81A0F5

■ 698EF5

■ 9AB2F5

■ 507CF5

■ B2C4F5

■ 376AF5

■ CBD6F5

■ 1F58F5

■ E3E8F5

■ 0646F5

■ FCFAF5

■ 0041F5

■ FFFFF5

Harmonies

Analogous

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



00ADF4



81A0F5



C08FE0

Triad

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



81A0F5



EA8969



35B78A

Complementary

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



81A0F5



F5D681

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.



79B163



81A0F5



CF9850

Square

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



81A0F5



F37F90



A8A74D



00B8B6

Rectangle

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



81A0F5



DC86C8



A8A74D



51B57C

Sweetspot

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



81A0F5



DBE5FF



81F5D4



6A7080



000000



808080

Same Dimension

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



81A0F5



6E94FF



9A81F5



6E717A



0032BA



00103B

Inverse Universe

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



F581A0



FF6E94



DCF581



7A6E71



BA0032



3B0010

Previews

White Background



This preview shows how the Hex color 81A0F5 looks on a white background.

Color Contrast Check

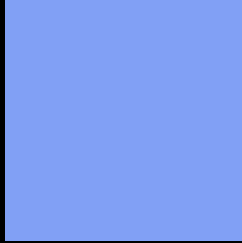
Large Text (above 18pt) WCAG AA × Fail

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 81A0F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

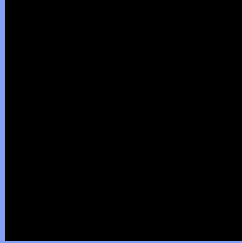
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

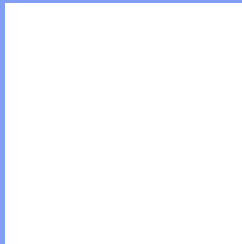
Any Text WCAG AAA ✓ Pass

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

Hex 81A0F5 Background



This preview shows how black text looks on a background with the Hex color 81A0F5.



This preview shows how white text looks on a background with the Hex color 81A0F5.

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

81A0F5

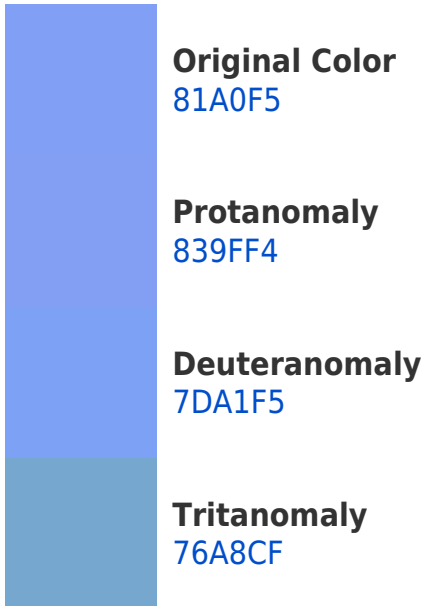
Protanopia

849FF4

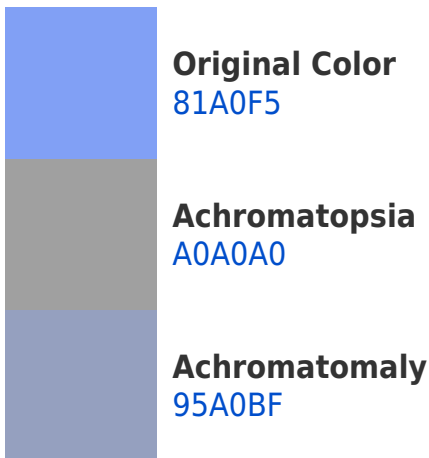
Deuteranopia

7BA1F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A0F5 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 #81A0F5 looks like.

```
.text, #text, p{  
    color:#81A0F5  
}
```

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 #81A0F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A0F5
}
```

Border

The CSS property to change the border of an element to Hex 81A0F5 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
#81A0F5 }
```

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

```
.border{ border-color:#81A0F5 }
```

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

Here you see how a box with a 4 pixel #81A0F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A0F5; -webkit-box-shadow:4px 4px  
4px 4px #81A0F5; box-shadow:4px 4px 4px  
4px #81A0F5 }
```

Background

The CSS property to change the background color of an element to Hex 81A0F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A0F5 }
```

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

```
.background{ background-color:#81A0F5 }
```

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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