

Converting Colors

Hex(80A5F8)

Have a look what the booklet for
Hex(80A5F8) contains.

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Color

Hex(80A5F8)

Conversions

Conversions Part 1

Format	Color
Hex	80A5F8
RGB	128, 165, 248
RGB Percent	50%, 65%, 97%
CMY	0.4980, 0.3529, 0.0275
CMYK	0.48, 0.33, 0.00, 0.03
HSL	222°, 90%, 74%
HSV	222°, 48%, 97%
XYZ	39.3005, 38.2768, 94.1237
YIQ	163.3990, -48.6950, 17.9690

Conversions

Conversions Part 2

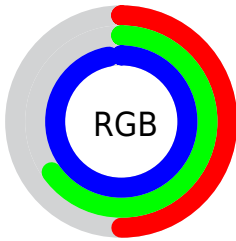
Format	Color
R _Y B	128, 156, 248
Decimal	8431096
CIE Lab	68.22, 9.46, -45.31
CIE LCh	68, 46.285, 281.797
Yxy	38.2768, 0.2289, 0.2229
Android (android.graphics.Color)	4286621176 (0xFF80A5F8)
YUV	163.3990, 41.7083, -31.0449
Hunter-Lab	61.8682, 5.1190, -46.8936

Details

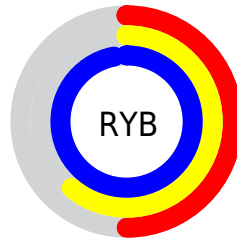
The Hex color **80A5F8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F8D380**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BADCFF**, and **4572BF** is the 20% darker color. If you saturate the color by 10%, you get **6794F8**, and if you desaturate by 10%, it is **99B6F8**.

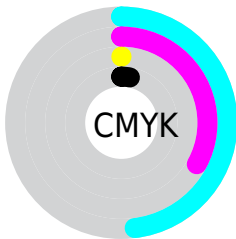
Distribution



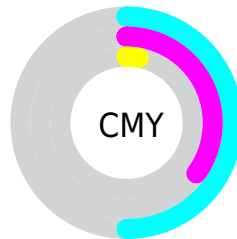
- Red (50%)
- Green (65%)
- Blue (97%)



- Red (50%)
- Yellow (61%)
- Blue (97%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (3%)



- Cyan (50%)
- Magenta (35%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A5F8 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 80A5F8 by changing the saturation by 10% instead.

 80A5F8

 80A5F8

FFFFFF

 638BDB

 BADCFE

 4572BF

 D7F8FF

 2259A4

 F5FFFF

 004289

 002D6F

 001956

 00053F

 000328

 000111

■ 80A5F8

■ 80A5F8

■ 6794F8

■ 99B6F8

■ 4E83F8

■ B2C7F8

■ 3672F8

■ CAD8F8

■ 1D60F8

■ E3EAF8

■ 044FF8

■ FCFBF8

■ 004CF8

■ FFFFF8

Harmonies

Analogous

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



00B2F5



80A5F8



BF95E5

Triad

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



80A5F8



EE8C71



45BA8B

Complementary

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



80A5F8



F8D380

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.



82B466



80A5F8



D59B56

Square

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



80A5F8



F68497



B0A952



00BCB6

Rectangle

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



80A5F8



DC8BCF



B0A952



5DB87D

Sweetspot

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



80A5F8



D9E5FF



80F8D2



697080



000000



808080

Same Dimension

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



80A5F8



6B99FF



9680F8



70747D



003ABD



00133D

Inverse Universe

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



F880A5



FF6B99



E2F880



7D7074



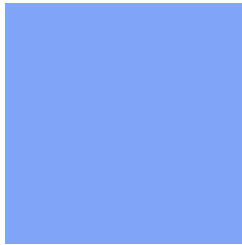
BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 80A5F8 looks on a white background.

Color Contrast Check

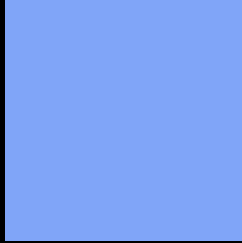
Large Text (above 18pt) WCAG AA × Fail

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 80A5F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

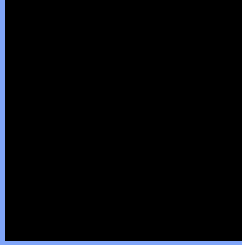
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

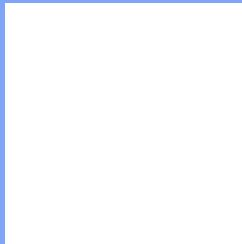
Any Text WCAG AAA ✓ Pass

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

Hex 80A5F8 Background



This preview shows how black text looks on a background with the Hex color 80A5F8.



This preview shows how white text looks on a background with the Hex color 80A5F8.

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](#).

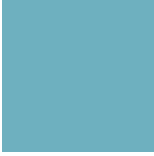
Dichromacy



Original Color
80A5F8

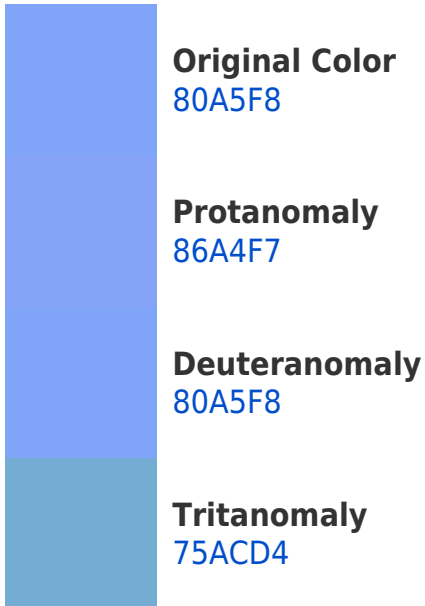
Protanopia
89A3F6

Deuteranopia
80A5F8

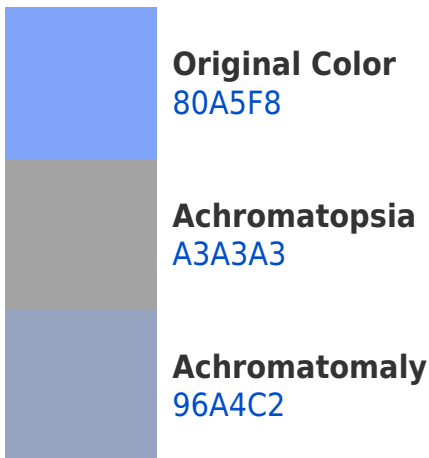


Tritanopia
6EBOBF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A5F8 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 #80A5F8 looks like.

```
.text, #text, p{  
    color:#80A5F8  
}
```

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 #80A5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A5F8  
}
```

Border

The CSS property to change the border of an element to Hex 80A5F8 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  
#80A5F8 }
```

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

```
.border{ border-color:#80A5F8 }
```

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

Here you see how a box with a 4 pixel #80A5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A5F8; -webkit-box-shadow:4px 4px  
4px 4px #80A5F8; box-shadow:4px 4px 4px  
4px #80A5F8 }
```

Background

The CSS property to change the background color of an element to Hex 80A5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A5F8 }
```

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

```
.background{ background-color:#80A5F8 }
```

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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