

Converting Colors

Hex(80A6F5)

Have a look what the booklet for
Hex(80A6F5) contains.

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Color

Hex(80A6F5)

Conversions

Conversions Part 1

Format	Color
Hex	80A6F5
RGB	128, 166, 245
RGB Percent	50%, 65%, 96%
CMY	0.4980, 0.3490, 0.0392
CMYK	0.48, 0.32, 0.00, 0.04
HSL	221°, 85%, 73%
HSV	221°, 48%, 96%
XYZ	39.0197, 38.4542, 91.7520
YIQ	163.6440, -48.0070, 16.5130

Conversions

Conversions Part 2

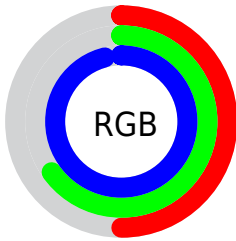
Format	Color
R _Y B	128, 157, 245
Decimal	8431349
CIE Lab	68.35, 8.01, -43.47
CIE LCh	68, 44.202, 280.445
Yxy	38.4542, 0.2306, 0.2272
Android (android.graphics.Color)	4286621429 (0xFF80A6F5)
YUV	163.6440, 40.1085, -31.2598
Hunter-Lab	62.0115, 3.7983, -44.3174

Details

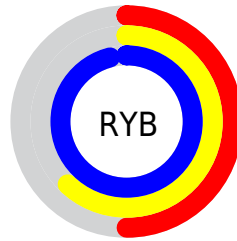
The Hex color **80A6F5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F5CF80**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BADDF5**, and **4672BC** is the 20% darker color. If you saturate the color by 10%, you get **6795F5**, and if you desaturate by 10%, it is **99B7F5**.

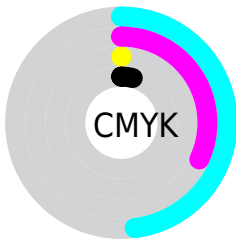
Distribution



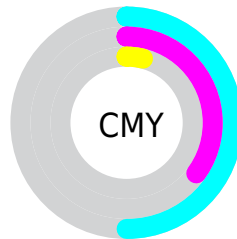
- Red (50%)
- Green (65%)
- Blue (96%)



- Red (50%)
- Yellow (62%)
- Blue (96%)



- Cyan (48%)
- Magenta (32%)
- Yellow (0%)
- Black (4%)



- Cyan (50%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A6F5 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 80A6F5 by changing the saturation by 10% instead.

 80A6F5

 80A6F5

FFFFFF

 638CD8

 BADDFF

 4672BC

 D7F9FF

 235AA1

 F5FFFF

 004386

 002E6D

 001A54

 00053C

 000226

 00010E

 80A6F5

 80A6F5

 6795F5

 99B7F5

 4F85F5

 B1C7F5

 3774F5

 CAD8F5

 1E64F5

 E2E8F5

 0653F5

 FBF9F5

 0050F5

 FFFFF5

Harmonies

Analogous

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



1AB2F1



80A6F5



BD97E4

Triad

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



80A6F5



ED8E75



50BA8B

Complementary

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



80A6F5



F5CF80

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.



86B368



80A6F5



D59B5B

Square

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



80A6F5



F3869A



B2A956



00BCB4

Rectangle

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



80A6F5



D98ECF



B2A956



64B87E

Sweetspot

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



80A6F5



DBE7FF



80F5CE



6A7180



000000



808080

Same Dimension

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



80A6F5



6E9DFF



9380F5



6E727A



003CBA



00133B

Inverse Universe

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



F580A6



FF6E9D



E2F580



7A6E72



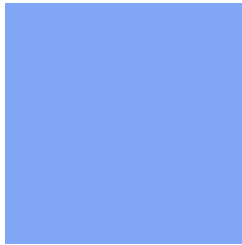
BA003C



3B0013

Previews

White Background



This preview shows how the Hex color 80A6F5 looks on a white background.

Color Contrast Check

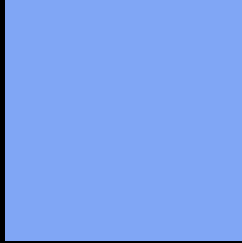
Large Text (above 18pt) WCAG AA × Fail

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 80A6F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

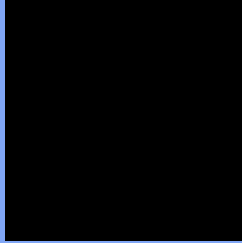
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

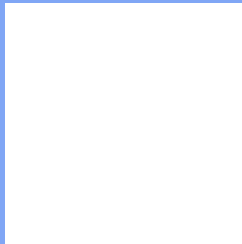
Any Text WCAG AAA ✓ Pass

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

Hex 80A6F5 Background



This preview shows how black text looks on a background with the Hex color 80A6F5.



This preview shows how white text looks on a background with the Hex color 80A6F5.

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](#).

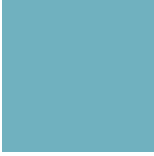
Dichromacy



Original Color
80A6F5

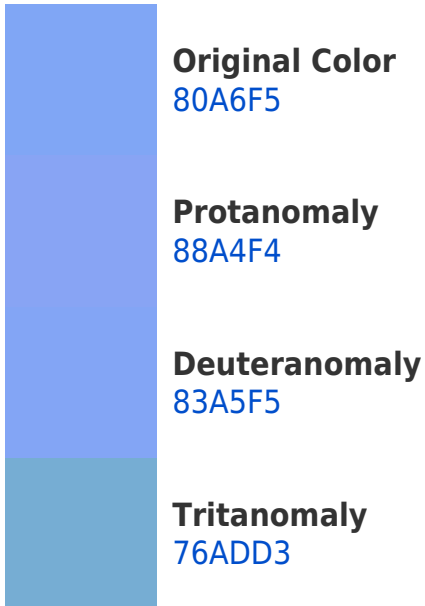
Protanopia
8CA3F3

Deuteranopia
84A5F5

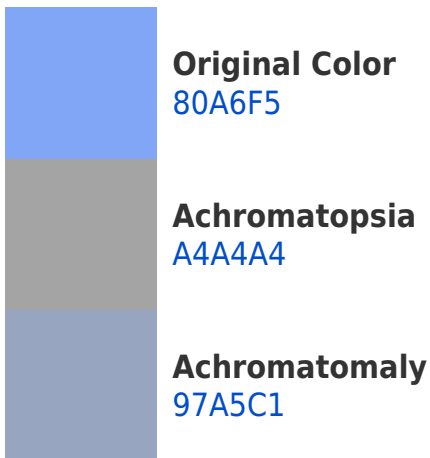


Tritanopia
70B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A6F5 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 #80A6F5 looks like.

```
.text, #text, p{  
    color:#80A6F5  
}
```

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 #80A6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A6F5
}
```

Border

The CSS property to change the border of an element to Hex 80A6F5 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
#80A6F5 }
```

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

```
.border{ border-color:#80A6F5 }
```

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

Here you see how a box with a 4 pixel #80A6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A6F5; -webkit-box-shadow:4px 4px  
4px 4px #80A6F5; box-shadow:4px 4px 4px  
4px #80A6F5 }
```

Background

The CSS property to change the background color of an element to Hex 80A6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A6F5 }
```

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

```
.background{ background-color:#80A6F5 }
```

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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