

Converting Colors

Hex(80A4F2)

Have a look what the booklet for
Hex(80A4F2) contains.

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Color

Hex(80A4F2)

Conversions

Conversions Part 1

Format	Color
Hex	80A4F2
RGB	128, 164, 242
RGB Percent	50%, 64%, 95%
CMY	0.4980, 0.3569, 0.0510
CMYK	0.47, 0.32, 0.00, 0.05
HSL	221°, 81%, 73%
HSV	221°, 47%, 95%
XYZ	38.2046, 37.5509, 89.2389
YIQ	162.1280, -46.4940, 16.6260

Conversions

Conversions Part 2

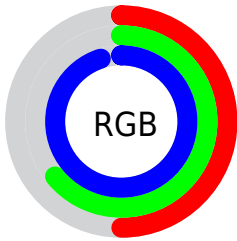
Format	Color
RYB	128, 155, 242
Decimal	8430834
CIELab	67.69, 8.28, -42.88
CIELCh	68, 43.668, 280.926
Yxy	37.5509, 0.2316, 0.2276
Android (android.graphics.Color)	4286620914 (0xFF80A4F2)
YUV	162.1280, 39.3769, -29.9303
Hunter-Lab	61.2788, 4.0488, -43.4474

Details

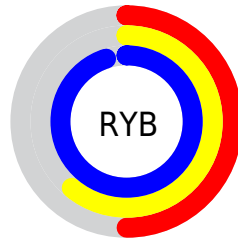
The Hex color **80A4F2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F2CE80**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B9DBFF**, and **4671B9** is the 20% darker color. If you saturate the color by 10%, you get **6893F2**, and if you desaturate by 10%, it is **98B5F2**.

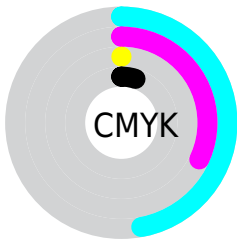
Distribution



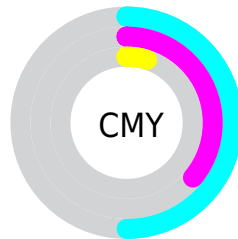
- Red (50%)
- Green (64%)
- Blue (95%)



- Red (50%)
- Yellow (61%)
- Blue (95%)



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A4F2 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 80A4F2 by changing the saturation by 10% instead.

■ 80A4F2

FFFFFF

■ B9DBFF

■ D7F7FF

■ F4FFFF

■ 80A4F2

■ 638AD5

■ 4671B9

■ 25589E

■ 004184

■ 002C6A

■ 001851

■ 00053A

■ 000223

■ 00000B

 80A4F2

 80A4F2

 6893F2

 98B5F2

 5083F2

 B0C5F2

 3772F2

 C9D6F2

 1F62F2

 E1E6F2

 0751F2

 F9F7F2

 004CF2

 FFFFF2

Harmonies

Analogous

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



1FB0EF



80A4F2



BB95E1

Triad

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



80A4F2



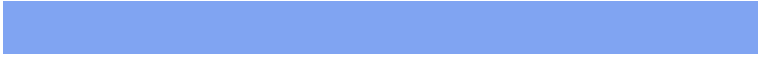
EA8C73



4EB88A

Complementary

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



80A4F2



F2CE80

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.



84B168



80A4F2



D39A5A

Square

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



80A4F2



F08598



AFA756



00B9B2

Rectangle

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



80A4F2



D78CCC



AFA756



62B67D

Sweetspot

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



80A4F2



DBE7FF



80F2CE



6A7180



000000



808080

Same Dimension

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



80A4F2



6E9CFF



9580F2



6C7078



003AB8



001238

Inverse Universe

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



F280A4



FF6E9C



DDF280



786C70



B8003A



380012

Previews

White Background



This preview shows how the Hex color 80A4F2 looks on a white background.

Color Contrast Check

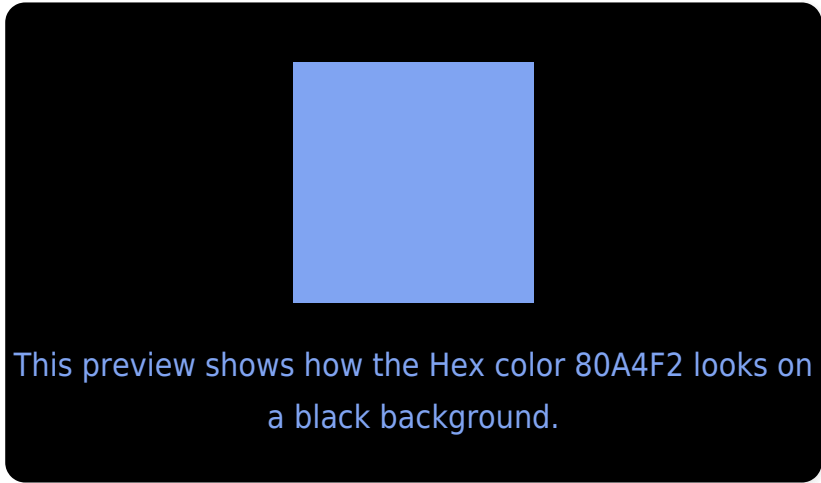
Large Text (above 18pt) WCAG AA × Fail

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

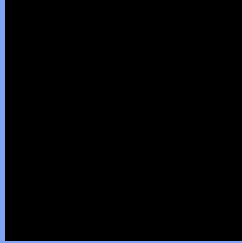
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

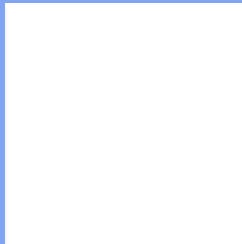
Any Text WCAG AAA ✓ Pass

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

Hex 80A4F2 Background



This preview shows how black text looks on a background with the Hex color 80A4F2.



This preview shows how white text looks on a background with the Hex color 80A4F2.

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
80A4F2

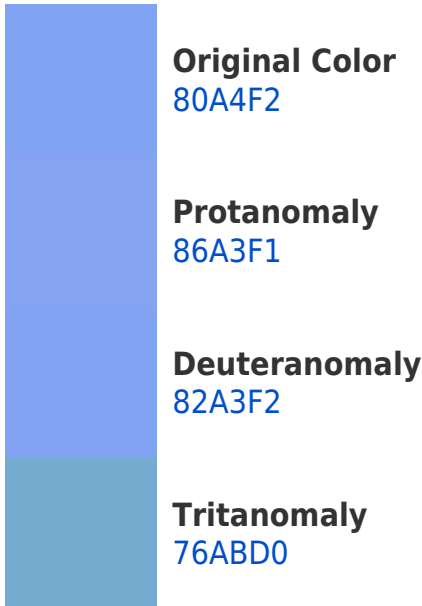
Protanopia
8AA2F0

Deuteranopia
83A3F2

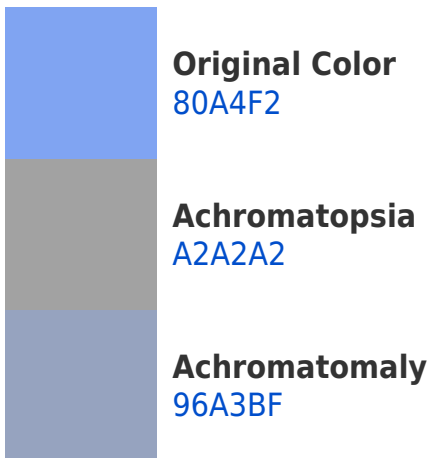


Tritanopia
70AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A4F2 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 #80A4F2 looks like.

```
.text, #text, p{  
    color:#80A4F2  
}
```

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 #80A4F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A4F2  
}
```

Border

The CSS property to change the border of an element to Hex 80A4F2 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  
#80A4F2 }
```

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

```
.border{ border-color:#80A4F2 }
```

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

Here you see how a box with a 4 pixel #80A4F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A4F2; -webkit-box-shadow:4px 4px  
4px 4px #80A4F2; box-shadow:4px 4px 4px  
4px #80A4F2 }
```

Background

The CSS property to change the background color of an element to Hex 80A4F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A4F2 }
```

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

```
.background{ background-color:#80A4F2 }
```

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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