

Converting Colors

Hex(83A1F2)

Have a look what the booklet for
Hex(83A1F2) contains.

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Color

Hex(83A1F2)

Conversions

Conversions Part 1

Format	Color
Hex	83A1F2
RGB	131, 161, 242
RGB Percent	51%, 63%, 95%
CMY	0.4863, 0.3686, 0.0510
CMYK	0.46, 0.33, 0.00, 0.05
HSL	224°, 81%, 73%
HSV	224°, 46%, 95%
XYZ	38.1320, 36.7258, 89.0834
YIQ	161.2640, -43.8810, 18.8310

Conversions

Conversions Part 2

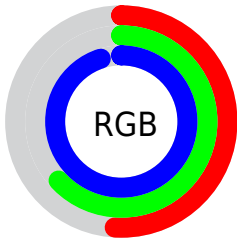
Format	Color
RYB	131, 155, 242
Decimal	8626674
CIELab	67.07, 10.70, -43.83
CIELCh	67, 45.120, 283.724
Yxy	36.7258, 0.2326, 0.2240
Android (android.graphics.Color)	4286816754 (0xFF83A1F2)
YUV	161.2640, 39.8028, -26.5415
Hunter-Lab	60.6018, 6.2627, -44.7337

Details

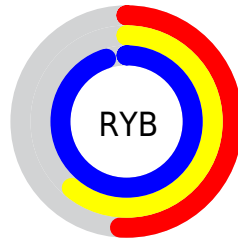
The Hex color **83A1F2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F2D483**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BCD8FF**, and **4A6EB9** is the 20% darker color. If you saturate the color by 10%, you get **6B8FF2**, and if you desaturate by 10%, it is **9BB3F2**.

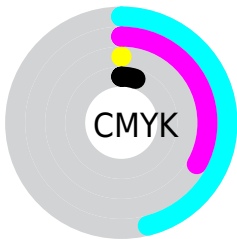
Distribution



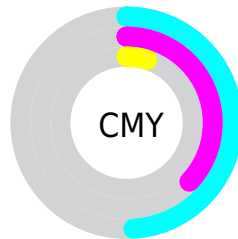
- Red (51%)
- Green (63%)
- Blue (95%)



- Red (51%)
- Yellow (61%)
- Blue (95%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (37%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A1F2 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 83A1F2 by changing the saturation by 10% instead.

 83A1F2

 83A1F2

FFFFFF

 6787D5

 BCD8FF

 4A6EB9

 D9F4FF

 2A569E

 F7FFFF

 003F84

 002A6A

 001651

 00053A

 000223

 00000A

■ 83A1F2

■ 83A1F2

■ 6B8FF2

■ 9BB3F2

■ 537EF2

■ B3C4F2

■ 3A6CF2

■ CCD6F2

■ 225AF2

■ E4E8F2

■ 0A49F2

■ FCF9F2

■ 0041F2

■ FFFFF2

Harmonies

Analogous

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



1AAEF1



83A1F2



BF91DE

Triad

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



83A1F2



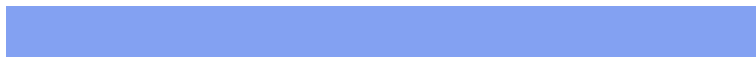
E88B6D



41B78B

Complementary

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



83A1F2



F2D483

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.



7DB167



83A1F2



CF9955

Square

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



83A1F2



F18292



AAA752



00B8B5

Rectangle

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



83A1F2



DA88C8



AAA752



58B57E

Sweetspot

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



83A1F2



DBE5FF



83F2D3



6A7080



000000



808080

Same Dimension

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



83A1F2



7399FF



9B83F2



6C6F78



0032B8



000F38

Inverse Universe

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



F283A1



FF7399



DAF283



786C6F



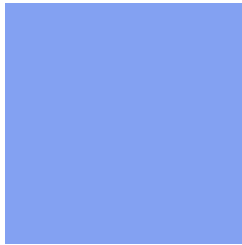
B80032



38000F

Previews

White Background



This preview shows how the Hex color 83A1F2 looks on a white background.

Color Contrast Check

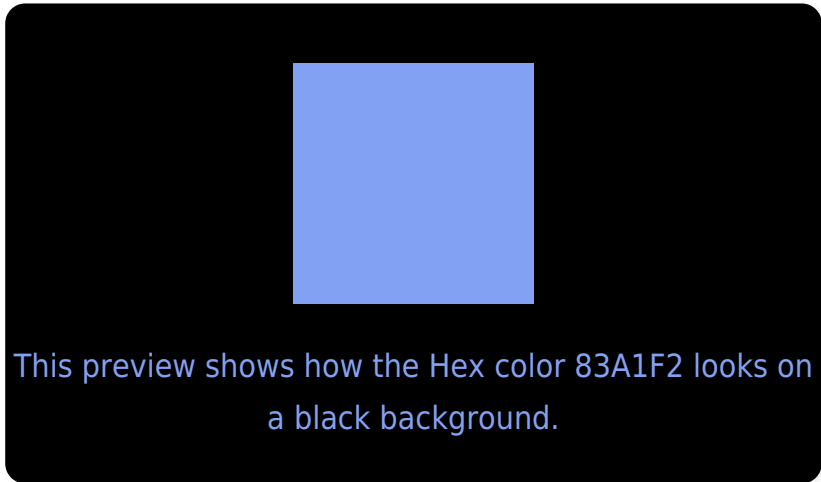
Large Text (above 18pt) WCAG AA × Fail

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

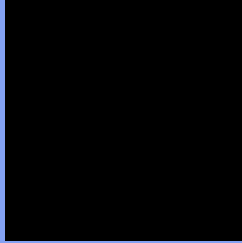
Any Text WCAG AA ✓ Pass

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 83A1F2 Background



This preview shows how black text looks on a background with the Hex color 83A1F2.



This preview shows how white text looks on a background with the Hex color 83A1F2.

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

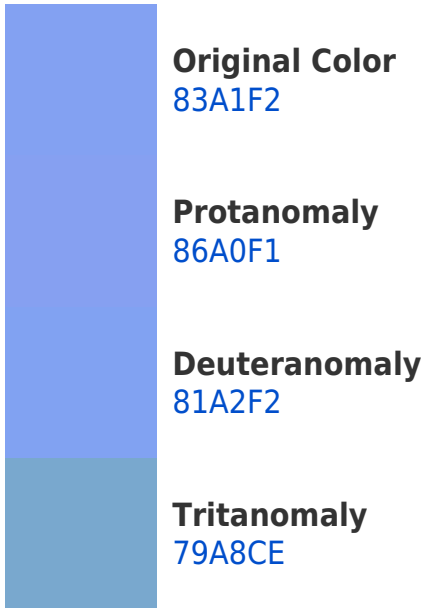


Original Color
83A1F2

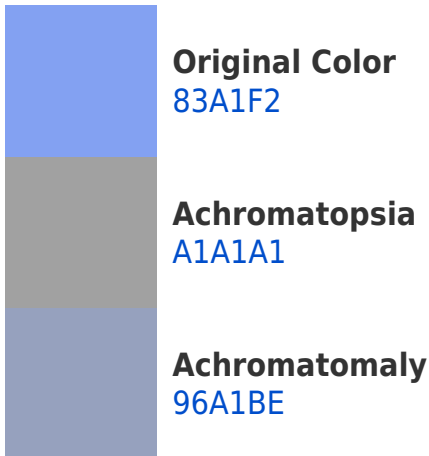
Protanopia
87A0F1

Deuteranopia
80A2F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A1F2 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 #83A1F2 looks like.

```
.text, #text, p{  
    color:#83A1F2  
}
```

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 #83A1F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A1F2
}
```

Border

The CSS property to change the border of an element to Hex 83A1F2 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
#83A1F2 }
```

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

```
.border{ border-color:#83A1F2 }
```

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

Here you see how a box with a 4 pixel #83A1F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A1F2; -webkit-box-shadow:4px 4px  
4px 4px #83A1F2; box-shadow:4px 4px 4px  
4px #83A1F2 }
```

Background

The CSS property to change the background color of an element to Hex 83A1F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A1F2 }
```

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

```
.background{ background-color:#83A1F2 }
```

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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