

Converting Colors

Hex(83A8F3)

Have a look what the booklet for
Hex(83A8F3) contains.

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Color

Hex(83A8F3)

Conversions

Conversions Part 1

Format	Color
Hex	83A8F3
RGB	131, 168, 243
RGB Percent	51%, 66%, 95%
CMY	0.4863, 0.3412, 0.0471
CMYK	0.46, 0.31, 0.00, 0.05
HSL	220°, 82%, 73%
HSV	220°, 46%, 95%
XYZ	39.5404, 39.3016, 90.2960
YIQ	165.4870, -46.1270, 15.4810

Conversions

Conversions Part 2

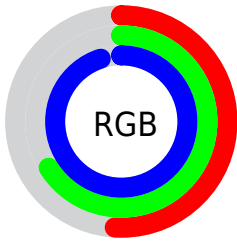
Format	Color
RYB	131, 159, 243
Decimal	8628467
CIELab	68.97, 7.01, -41.40
CIElCh	69, 41.993, 279.606
Yxy	39.3016, 0.2338, 0.2324
Android (android.graphics.Color)	4286818547 (0xFF83A8F3)
YUV	165.4870, 38.2139, -30.2451
Hunter-Lab	62.6910, 2.8740, -41.5137

Details

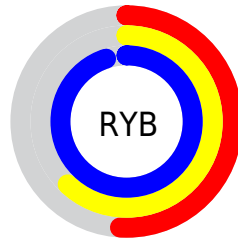
The Hex color **83A8F3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F3CE83**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BCDFFF**, and **4A74BA** is the 20% darker color. If you saturate the color by 10%, you get **6B98F3**, and if you desaturate by 10%, it is **9BB8F3**.

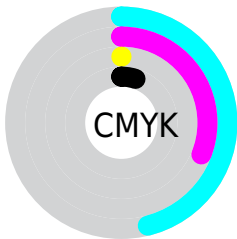
Distribution



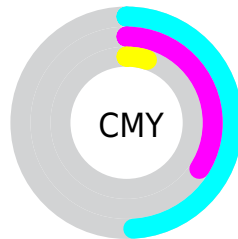
- Red (51%)
- Green (66%)
- Blue (95%)



- Red (51%)
- Yellow (62%)
- Blue (95%)



- Cyan (46%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (34%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A8F3 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 83A8F3 by changing the saturation by 10% instead.

 83A8F3

 83A8F3

FFFFFF

 678ED6

 BCDFFF

 4A74BA

 D9FBFF

 2A5C9F

 F7FFFF

 004585

 002F6B

 001B52

 00043B

 000224

 00000C

■ 83A8F3

■ 83A8F3

■ 6B98F3

■ 9BB8F3

■ 5287F3

■ B4C9F3

■ 3A77F3

■ CCD9F3

■ 2267F3

■ E4E9F3

■ 0957F3

■ FCF9F3

■ 0050F3

■ FFFF3

Harmonies

Analogous

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



32B3EF



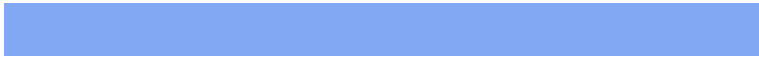
83A8F3



BC9AE3

Triad

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



83A8F3



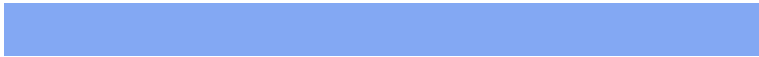
EC907A



59BA8D

Complementary

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



83A8F3



F3CE83

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.



8BB46C



83A8F3



D69D61

Square

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



83A8F3



F18A9D



B5AA5C



00BCB4

Rectangle

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



83A8F3



D791CF



B5AA5C



6BB981

Sweetspot

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



83A8F3



DBE7FF



83F3CE



6A7180



000000



808080

Same Dimension

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



83A8F3



73A1FF



9683F3



6E727A



003DBA



00133B

Inverse Universe

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



F383A8



FF73A1



E0F383



7A6E72



BA003D



3B0013

Previews

White Background



This preview shows how the Hex color 83A8F3 looks on a white background.

Color Contrast Check

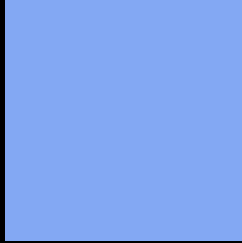
Large Text (above 18pt) WCAG AA × Fail

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 83A8F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

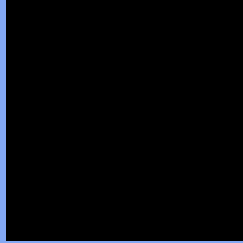
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

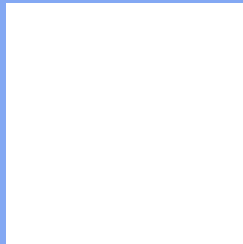
Any Text WCAG AAA ✓ Pass

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

Hex 83A8F3 Background



This preview shows how black text looks on a background with the Hex color 83A8F3.



This preview shows how white text looks on a background with the Hex color 83A8F3.

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](#).

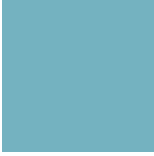
Dichromacy



Original Color
83A8F3

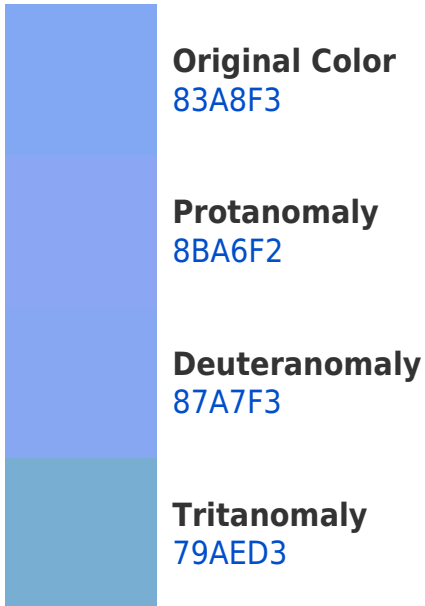
Protanopia
90A5F1

Deuteranopia
89A6F3

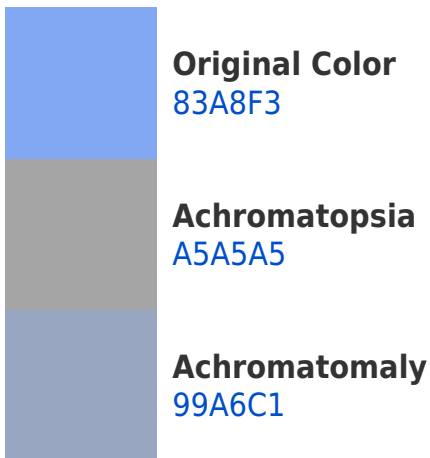


Tritanopia
74B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A8F3 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 #83A8F3 looks like.

```
.text, #text, p{  
    color:#83A8F3  
}
```

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 #83A8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A8F3
}
```

Border

The CSS property to change the border of an element to Hex 83A8F3 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
#83A8F3 }
```

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

```
.border{ border-color:#83A8F3 }
```

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

Here you see how a box with a 4 pixel #83A8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A8F3; -webkit-box-shadow:4px 4px  
4px 4px #83A8F3; box-shadow:4px 4px 4px  
4px #83A8F3 }
```

Background

The CSS property to change the background color of an element to Hex 83A8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A8F3 }
```

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

```
.background{ background-color:#83A8F3 }
```

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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