

Converting Colors

Hex(849DF3)

Have a look what the booklet for
Hex(849DF3) contains.

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Color

Hex(849DF3)

Conversions

Conversions Part 1

Format	Color
Hex	849DF3
RGB	132, 157, 243
RGB Percent	52%, 62%, 95%
CMY	0.4824, 0.3843, 0.0471
CMYK	0.46, 0.35, 0.00, 0.05
HSL	226°, 82%, 74%
HSV	226°, 46%, 95%
XYZ	37.7504, 35.4905, 89.6547
YIQ	159.3290, -42.5060, 21.4460

Conversions

Conversions Part 2

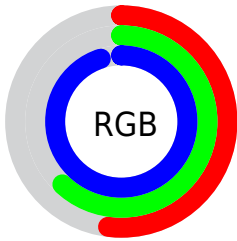
Format	Color
R _Y B	132, 152, 243
Decimal	8691187
CIE Lab	66.13, 13.53, -45.86
CIE LCh	66, 47.810, 286.440
Yxy	35.4905, 0.2317, 0.2179
Android (android.graphics.Color)	4286881267 (0xFF849DF3)
YUV	159.3290, 41.2498, -23.9675
Hunter-Lab	59.5739, 8.8561, -47.5257

Details

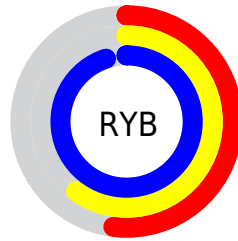
The Hex color **849DF3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F3DA84**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BDD3FF**, and **4B6ABA** is the 20% darker color. If you saturate the color by 10%, you get **6C8AF3**, and if you desaturate by 10%, it is **9CB0F3**.

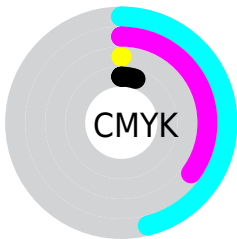
Distribution



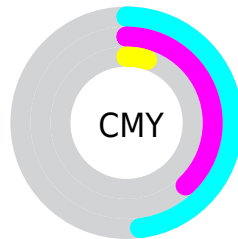
- Red (52%)
- Green (62%)
- Blue (95%)



- Red (52%)
- Yellow (60%)
- Blue (95%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (5%)



- Cyan (48%)
- Magenta (38%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849DF3 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 849DF3 by changing the saturation by 10% instead.

 849DF3

 849DF3

FFFFFF

 6883D6

 BDD3FF

 4B6ABA

 DBF0FF

 2B529F

 F8FFFF

 003C85

 00276B

 001352

 00063A

 000224

 00000B

■ 849DF3

■ 849DF3

■ 6C8AF3

■ 9CB0F3

■ 5377F3

■ B5C3F3

■ 3B65F3

■ CDD5F3

■ 2352F3

■ E5E8F3

■ 0A3FF3

■ FDFBF3

■ 0037F3

■ FFFFF3

Harmonies

Analogous

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



00ABF4



849DF3



C28CDC

Triad

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



849DF3



E78864



27B58B

Complementary

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



849DF3



F3DA84

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.



73B063



849DF3



CB974C

Square

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



849DF3



F27D8B



A3A64B



00B7B8

Rectangle

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



849DF3



DD83C4



A3A64B



48B47D

Sweetspot

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



849DF3



DBE3FF



84F3D9



6A6F80



000000



808080

Same Dimension

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



849DF3



7392FF



A284F3



6E717A



002ABA



000D3B

Inverse Universe

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



F3849D



FF7392



D5F384



7A6E71



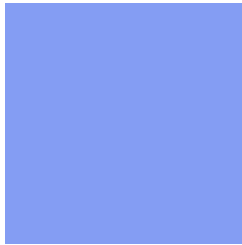
BA002A



3B000D

Previews

White Background



This preview shows how the Hex color 849DF3 looks on a white background.

Color Contrast Check

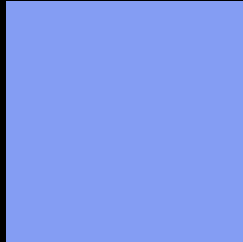
Large Text (above 18pt) WCAG AA × Fail

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 849DF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

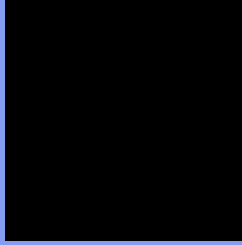
Any Text WCAG AA ✓ Pass

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 849DF3 Background



This preview shows how black text looks on a background with the Hex color 849DF3.



This preview shows how white text looks on a background with the Hex color 849DF3.

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](#).

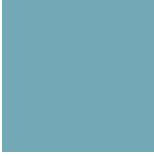
Dichromacy



Original Color
849DF3

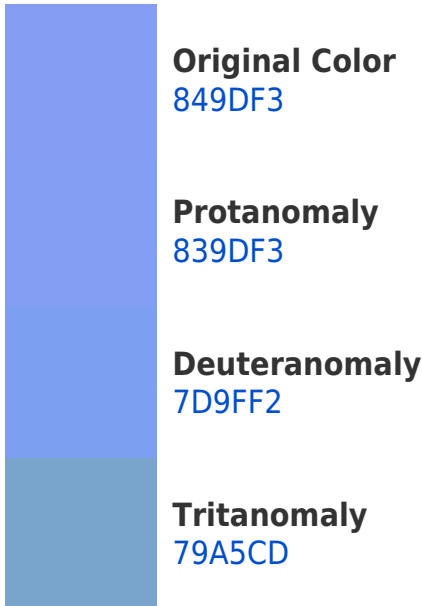
Protanopia
829DF3

Deuteranopia
79A0F2

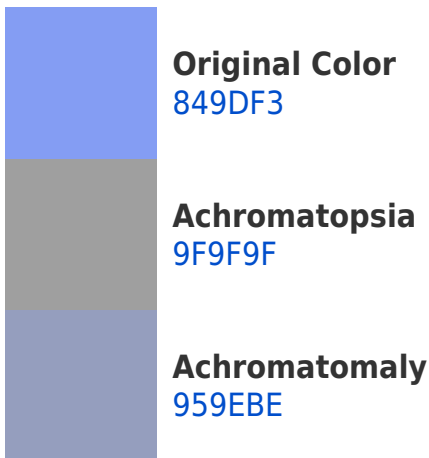


Tritanopia
73A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849DF3 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 #849DF3 looks like.

```
.text, #text, p{  
    color:#849DF3  
}
```

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 #849DF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849DF3
}
```

Border

The CSS property to change the border of an element to Hex 849DF3 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
#849DF3 }
```

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

```
.border{ border-color:#849DF3 }
```

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

Here you see how a box with a 4 pixel #849DF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849DF3; -webkit-box-shadow:4px 4px  
4px 4px #849DF3; box-shadow:4px 4px 4px  
4px #849DF3 }
```

Background

The CSS property to change the background color of an element to Hex 849DF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849DF3 }
```

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

```
.background{ background-color:#849DF3 }
```

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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