

Converting Colors

Hex(859CFF)

Have a look what the booklet for
Hex(859CFF) contains.

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Color

Hex(859CFF)

Conversions

Conversions Part 1

Format	Color
Hex	859CFF
RGB	133, 156, 255
RGB Percent	52%, 61%, 100%
CMY	0.4784, 0.3882, 0.0000
CMYK	0.48, 0.39, 0.00, 0.00
HSL	229°, 100%, 76%
HSV	229°, 48%, 100%
XYZ	39.6113, 35.9835, 99.4655
YIQ	160.4090, -45.4870, 25.9130

Conversions

Conversions Part 2

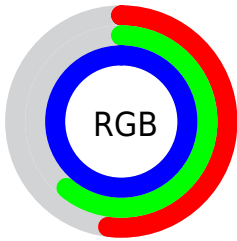
Format	Color
RYB	133, 152, 255
Decimal	8756479
CIELab	66.51, 17.84, -51.81
CIELCh	67, 54.792, 289.004
Yxy	35.9835, 0.2263, 0.2055
Android (android.graphics.Color)	4286946559 (0xFF859CFF)
YUV	160.4090, 46.6334, -24.0377
Hunter-Lab	59.9862, 12.8949, -56.3207

Details

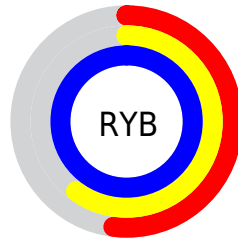
The Hex color **859CFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFE885**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BFD2FF**, and **4A69C6** is the 20% darker color. If you saturate the color by 10%, you get **6C87FF**, and if you desaturate by 10%, it is **9FB1FF**.

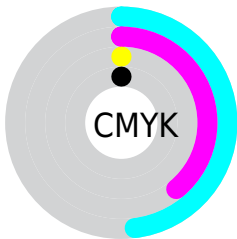
Distribution



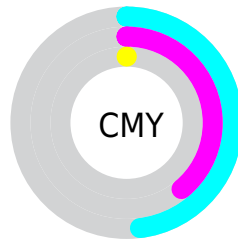
- Red (52%)
- Green (61%)
- Blue (100%)



- Red (52%)
- Yellow (60%)
- Blue (100%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859CFF 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 859CFF by changing the saturation by 10% instead.

 859CFF

 859CFF

FFFFFF

 6882E2

 BFD2FF

 4A69C6

 DDEEFF

 2751AA

 FBFFFF

 003B8F

 002675

 00135C

 000543

 00032C

 000117

 859CFF

 859CFF

 6C87FF

 9FB1FF

 5273FF

 B8C5FF

 395EFF

 D2DAFF

 1F49FF

 EBEBFF

 0635FF

FFFFFF

 0030FF

Harmonies

Analogous

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



00ACFF



859CFF



CC8E3

Triad

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



859CFF



EE8659



00B98D

Complementary

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



859CFF



FFE885

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.



65B35E



859CFF



CD993D

Square

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



859CFF



FD7884



9FA93F



00BAC0

Rectangle

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



859CFF



E97CC6



9FA93F



24B87D

Sweetspot

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



859CFF



DBE2FF



85FFE7



6A6E80



000000



808080

Same Dimension

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



859CFF



6E89FF



AA85FF



737580



0024BF



000C40

Inverse Universe

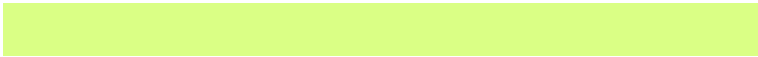
The Inverse Universe completely reimagines the original color for something new.



FF859C



FF6E89



DAFF85



807375



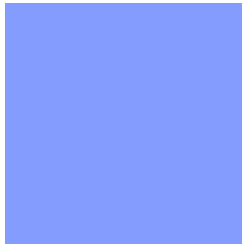
BF0024



40000C

Previews

White Background



This preview shows how the Hex color 859CFF looks on a white background.

Color Contrast Check

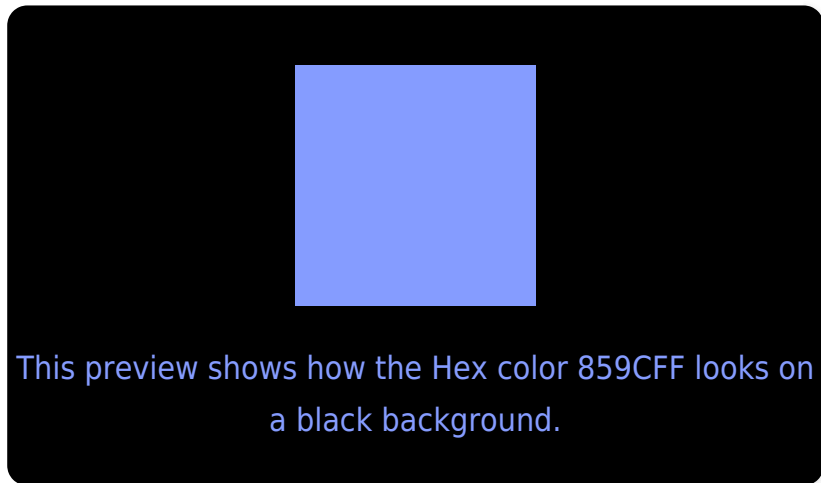
Large Text (above 18pt) WCAG AA × Fail

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

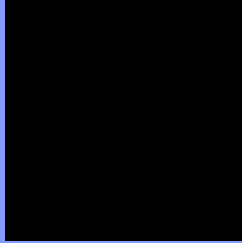
Any Text WCAG AA ✓ Pass

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 859CFF Background



This preview shows how black text looks on a background with the Hex color 859CFF.



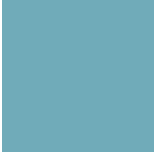
This preview shows how white text looks on a background with the Hex color 859CFF.

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](#).

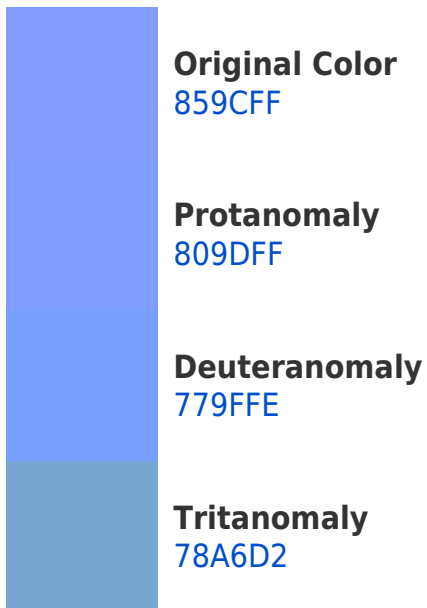
Dichromacy



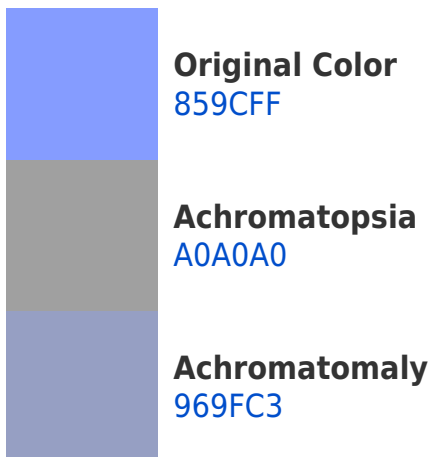


Tritanopia
70ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 859CFF 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 #859CFF looks like.

```
.text, #text, p{  
    color:#859CFF  
}
```

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 #859CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859CFF
}
```

Border

The CSS property to change the border of an element to Hex 859CFF 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
#859CFF }
```

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

```
.border{ border-color:#859CFF }
```

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

Here you see how a box with a 4 pixel #859CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859CFF; -webkit-box-shadow:4px 4px  
4px 4px #859CFF; box-shadow:4px 4px 4px  
4px #859CFF }
```

Background

The CSS property to change the background color of an element to Hex 859CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859CFF }
```

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

```
.background{ background-color:#859CFF }
```

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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