

# Converting Colors

Hex(859DF8)

Have a look what the booklet for  
Hex(859DF8) contains.

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**Color**

**Hex(859DF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	859DF8
RGB	133, 157, 248
RGB Percent	52%, 62%, 97%
CMY	0.4784, 0.3843, 0.0275
CMYK	0.46, 0.37, 0.00, 0.03
HSL	227°, 89%, 75%
HSV	227°, 46%, 97%
XYZ	38.6731, 35.8778, 93.6938
YIQ	160.1980, -43.5150, 23.2130

# Conversions

## Conversions Part 2

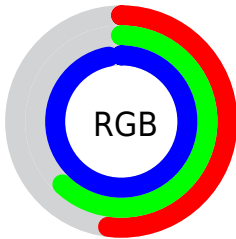
Format	Color
R <sub>Y</sub> B	133, 153, 248
Decimal	8756728
CIE Lab	66.43, 15.22, -48.12
CIE LCh	66, 50.465, 287.551
Yxy	35.8778, 0.2299, 0.2132
Android (android.graphics.Color)	4286946808 (0xFF859DF8)
YUV	160.1980, 43.2864, -23.8526
Hunter-Lab	59.8981, 10.4266, -50.8139

# Details

The Hex color **859DF8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F8E085**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BFD3FF**, and **4B6ABF** is the 20% darker color. If you saturate the color by 10%, you get **6C89F8**, and if you desaturate by 10%, it is **9EB1F8**.

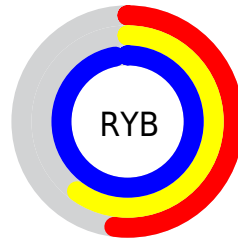
# Distribution



Red (52%)

Green (62%)

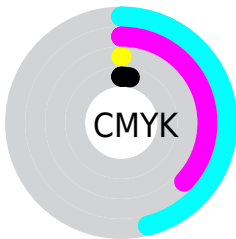
Blue (97%)



Red (52%)

Yellow (60%)

Blue (97%)

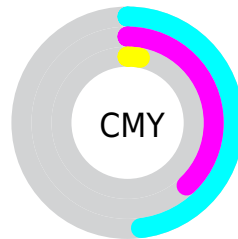


Cyan (46%)

Magenta (37%)

Yellow (0%)

Black (3%)



Cyan (48%)

Magenta (38%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859DF8 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 859DF8 by changing the saturation by 10% instead.



 859DF8

 859DF8

FFFFFF

 6883DB

 BFD3FF

 4B6ABF

 DCF0FF

 2A52A4

 FAFFFF

 003C89

 00276F

 001356

 00063E

 000327

 000111

■ 859DF8

■ 859DF8

■ 6C89F8

■ 9EB1F8

■ 5376F8

■ B7C4F8

■ 3B62F8

■ CFD8F8

■ 224FF8

■ E8EBF8

■ 093BF8

■ FFFFF8

■ 0034F8

# Harmonies

## Analogous

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



00ACFA



859DF8



C68BDF

# Triad

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



859DF8



EA8860



04B78C

# Complementary

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



859DF8



F8E085

# 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.



6EB262



859DF8



CC9847

# Square

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



859DF8



F77C89



A2A747



00B8BB

# Rectangle

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



859DF8



E281C5



A2A747



3DB67D



# Sweetspot

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



859DF8



DBE3FF



85F8DF



6A6E80



000000



808080



# Same Dimension

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



859DF8



708EFF



A685F8



70737D



0027BD



000D3D



# Inverse Universe

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



F8859D



FF708E



D7F885



7D7073



BD0027

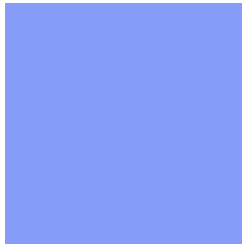


3D000D



# Previews

## White Background



This preview shows how the Hex color 859DF8 looks on a white background.

## Color Contrast Check

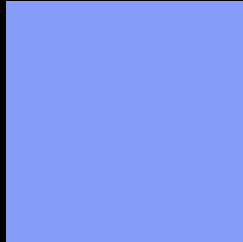
Large Text (above 18pt) WCAG AA × Fail

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 859DF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

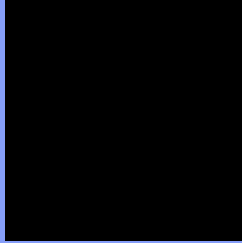
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 859DF8 Background



This preview shows how black text looks on a background with the Hex color 859DF8.



This preview shows how white text looks on a background with the Hex color 859DF8.

# 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**  
859DF8

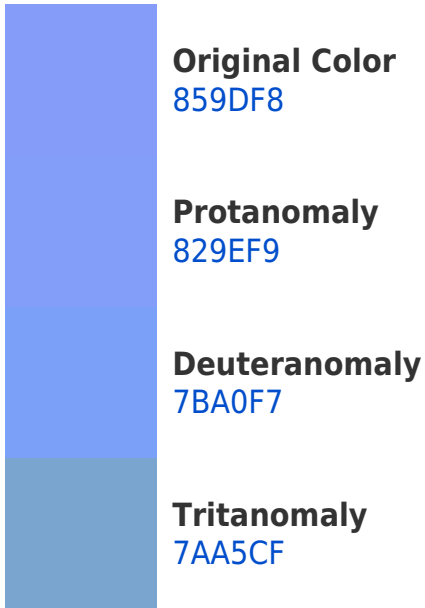
**Protanopia**  
809EF9

**Deuteranopia**  
76A1F7

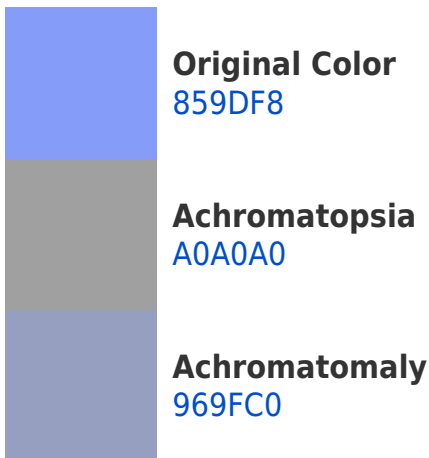


**Tritanopia**  
73AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859DF8 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 #859DF8 looks like.

```
.text, #text, p{  
    color:#859DF8  
}
```

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 #859DF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859DF8  
}
```

## Border

The CSS property to change the border of an element to Hex 859DF8 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  
#859DF8 }
```

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

```
.border{ border-color:#859DF8 }
```

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

Here you see how a box with a 4 pixel #859DF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859DF8; -webkit-box-shadow:4px 4px  
4px 4px #859DF8; box-shadow:4px 4px 4px  
4px #859DF8 }
```

# Background

The CSS property to change the background color of an element to Hex 859DF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859DF8 }
```

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

```
.background{ background-color:#859DF8 }
```

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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