

Converting Colors

Hex(858AF7)

Have a look what the booklet for
Hex(858AF7) contains.

Hex(858AF7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(858AF7)

Conversions

Conversions Part 1

Format	Color
Hex	858AF7
RGB	133, 138, 247
RGB Percent	52%, 54%, 97%
CMY	0.4784, 0.4588, 0.0314
CMYK	0.46, 0.44, 0.00, 0.03
HSL	237°, 88%, 75%
HSV	237°, 46%, 97%
XYZ	35.5498, 29.8789, 91.8892
YIQ	148.9310, -37.9690, 32.8390

Conversions

Conversions Part 2

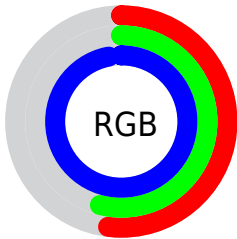
Format	Color
R _Y B	133, 138, 247
Decimal	8751863
CIE Lab	61.55, 25.98, -55.30
CIE LCh	62, 61.096, 295.169
Yxy	29.8789, 0.2260, 0.1899
Android (android.graphics.Color)	4286941943 (0xFF858AF7)
YUV	148.9310, 48.3480, -13.9715
Hunter-Lab	54.6616, 20.4319, -61.4067

Details

The Hex color **858AF7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F7F285**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BFBFFF**, and **4A58BE** is the 20% darker color. If you saturate the color by 10%, you get **6C72F7**, and if you desaturate by 10%, it is **9EA2F7**.

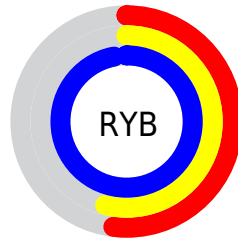
Distribution



Red (52%)

Green (54%)

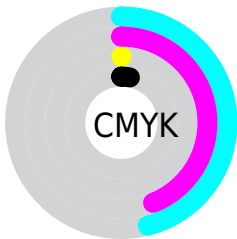
Blue (97%)



Red (52%)

Yellow (54%)

Blue (97%)

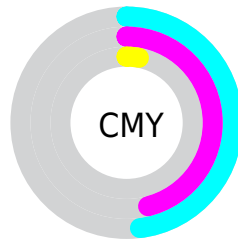


Cyan (46%)

Magenta (44%)

Yellow (0%)

Black (3%)



Cyan (48%)

Magenta (46%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 858AF7 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 858AF7 by changing the saturation by 10% instead.

858AF7

858AF7

FFFFFF

6871DA

BFBFFF

4A58BE

DDDBFF

2941A2

FAF8FF

002B88

00186E

000055

00063C

000226

00010F

 858AF7

 858AF7

 6C72F7

 9EA2F7

 545BF7

 B6B9F7

 3B43F7

 CFD1F7

 222CF7

 E8E8F7

 0914F7

 FFFFF7

 000BF7

Harmonies

Analogous

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



009DFF



858AF7



CE72D3

Triad

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



858AF7



DF7A3B



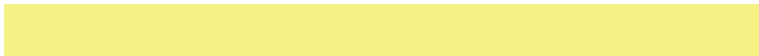
00AE8A

Complementary

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



858AF7



F7F285

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.



39A953



858AF7



B88F1B

Square

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



858AF7



F5666A



849F28



00AEC1

Rectangle

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



858AF7



E965B2



849F28



00AD77

Sweetspot

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



858AF7



DBDDFF



85F7F1



6A6B80



000000



808080

Same Dimension

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



858AF7



7379FF



B885F7



6E6F7A



0008BA



00033B

Inverse Universe

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



F7858A



FF7379



C4F785



7A6E6F



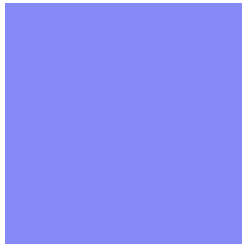
BA0008



3B0003

Previews

White Background



This preview shows how the Hex color 858AF7 looks on a white background.

Color Contrast Check

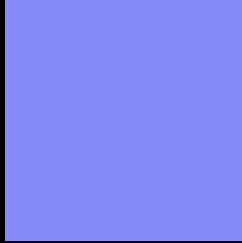
Large Text (above 18pt) WCAG AA ✓ Pass

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 858AF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

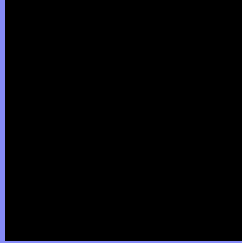
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 858AF7 Background



This preview shows how black text looks on a background with the Hex color 858AF7.

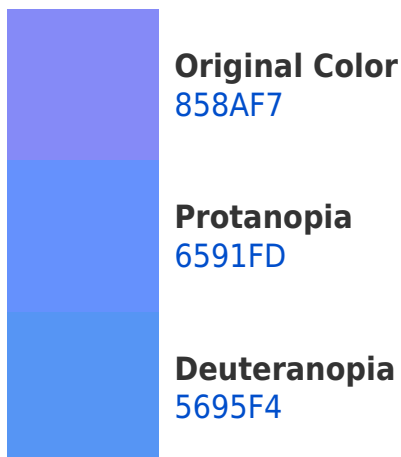


This preview shows how white text looks on a background with the Hex color 858AF7.

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](#).

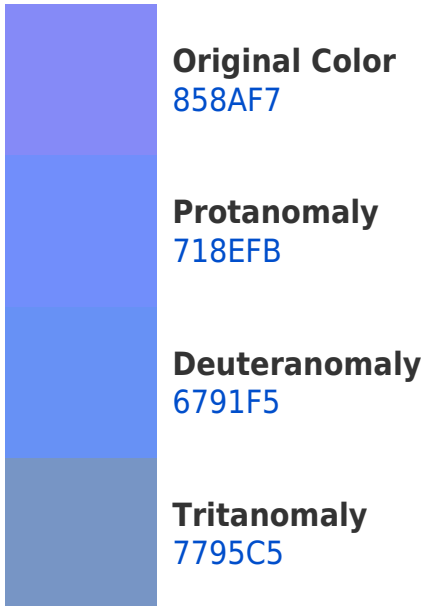
Dichromacy



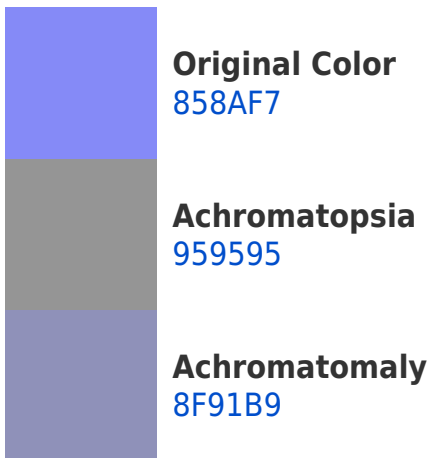


Tritanopia
6F9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 858AF7 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 #858AF7 looks like.

```
.text, #text, p{  
    color:#858AF7  
}
```

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 #858AF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858AF7
}
```

Border

The CSS property to change the border of an element to Hex 858AF7 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
#858AF7 }
```

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

```
.border{ border-color:#858AF7 }
```

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

Here you see how a box with a 4 pixel #858AF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858AF7; -webkit-box-shadow:4px 4px  
4px 4px #858AF7; box-shadow:4px 4px 4px  
4px #858AF7 }
```

Background

The CSS property to change the background color of an element to Hex 858AF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858AF7 }
```

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

```
.background{ background-color:#858AF7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor