

Converting Colors

Hex(838AD7)

Have a look what the booklet for
Hex(838AD7) contains.

Hex(838AD7)	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(838AD7)

Conversions

Conversions Part 1

Format	Color
Hex	838AD7
RGB	131, 138, 215
RGB Percent	51%, 54%, 84%
CMY	0.4863, 0.4588, 0.1569
CMYK	0.39, 0.36, 0.00, 0.16
HSL	235°, 51%, 68%
HSV	235°, 39%, 84%
XYZ	30.7143, 27.9085, 68.0580
YIQ	144.6850, -28.8890, 22.4630

Conversions

Conversions Part 2

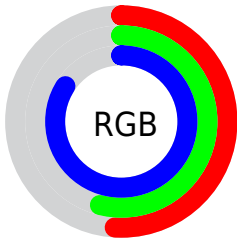
Format	Color
RYB	131, 137, 215
Decimal	8620759
CIELab	59.81, 16.36, -40.30
CIELCh	60, 43.498, 292.097
Yxy	27.9085, 0.2425, 0.2203
Android (android.graphics.Color)	4286810839 (0xFF838AD7)
YUV	144.6850, 34.6653, -12.0017
Hunter-Lab	52.8285, 11.3292, -39.4022

Details

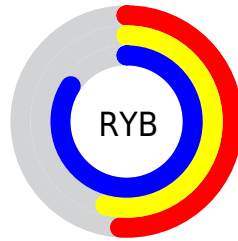
The Hex color **838AD7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D7D083**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BBBFFF**, and **4D58A0** is the 20% darker color. If you saturate the color by 10%, you get **6E76D7**, and if you desaturate by 10%, it is **999ED7**.

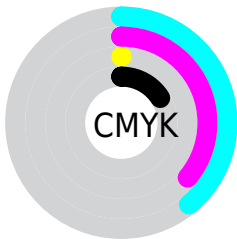
Distribution



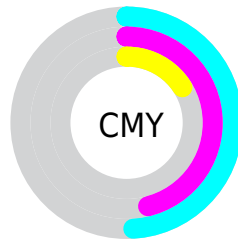
- Red (51%)
- Green (54%)
- Blue (84%)



- Red (51%)
- Yellow (54%)
- Blue (84%)



- Cyan (39%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (46%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838AD7 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 838AD7 by changing the saturation by 10% instead.

■ 838AD7

■ 838AD7

FFFFFF

■ 6871BB

■ BBBFFF

■ 4D58A0

■ D7DBFF

■ 314185

■ F4F8FF

■ 102B6C

■ 001753

■ 00003C

■ 000225

■ 00010D

■ 000000

■ 838AD7

■ 838AD7

■ 6E76D7

■ 999ED7

■ 5863D7

■ AEB1D7

■ 424FD7

■ C3C5D7

■ 2D3BD7

■ D9D9D7

■ 1727D7

■ EEEDD7

■ 0214D7

■ FFFFD7

■ 0012D7

Harmonies

Analogous

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



2F97DC



838AD7



B67BC0

Triad

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



838AD7



CB7C55



06A384

Complementary

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



838AD7



D7D083

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.



5E9F5F



838AD7



B08A43

Square

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



838AD7



D87275



8B9746



00A3AC

Rectangle

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



838AD7



CB73A9



8B9746



34A277

Sweetspot

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



838AD7



E0E3FF



83D7D0



6E6F80



000000



808080

Same Dimension

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



838AD7



8791FF



A683D7



60616B



000EAB



00042B

Inverse Universe

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



D7838A



FF8791



B4D783



6B6061



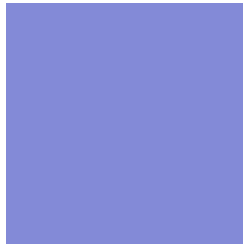
AB000E



2B0004

Previews

White Background



This preview shows how the Hex color 838AD7 looks on a white background.

Color Contrast Check

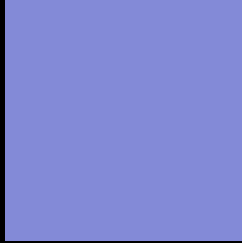
Large Text (above 18pt) WCAG AA ✓ Pass

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 838AD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

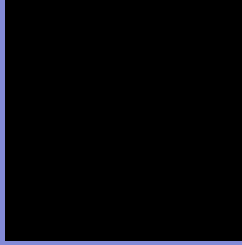
Any Text WCAG AA ✓ Pass

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 838AD7 Background



This preview shows how black text looks on a background with the Hex color 838AD7.



This preview shows how white text looks on a background with the Hex color 838AD7.

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
838AD7

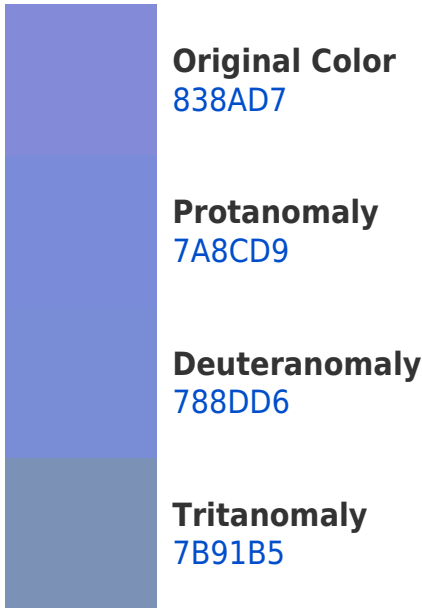
Protanopia
758DDA

Deuteranopia
718FD6

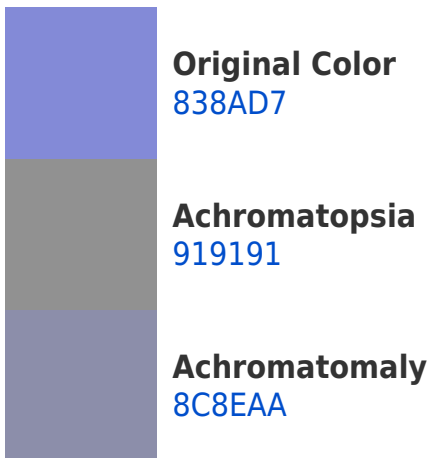


Tritanopia
7695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 838AD7 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 #838AD7 looks like.

```
.text, #text, p{  
    color:#838AD7  
}
```

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 #838AD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838AD7
}
```

Border

The CSS property to change the border of an element to Hex 838AD7 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
#838AD7 }
```

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

```
.border{ border-color:#838AD7 }
```

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

Here you see how a box with a 4 pixel #838AD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838AD7; -webkit-box-shadow:4px 4px  
4px 4px #838AD7; box-shadow:4px 4px 4px  
4px #838AD7 }
```

Background

The CSS property to change the background color of an element to Hex 838AD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838AD7 }
```

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

```
.background{ background-color:#838AD7 }
```

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