

Converting Colors

Hex(838AC9)

Have a look what the booklet for
Hex(838AC9) contains.

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Color

Hex(838AC9)

Conversions

Conversions Part 1

Format	Color
Hex	838AC9
RGB	131, 138, 201
RGB Percent	51%, 54%, 79%
CMY	0.4863, 0.4588, 0.2118
CMYK	0.35, 0.31, 0.00, 0.21
HSL	234°, 39%, 65%
HSV	234°, 35%, 79%
XYZ	28.9912, 27.2193, 58.9842
YIQ	143.0890, -24.3950, 18.1090

Conversions

Conversions Part 2

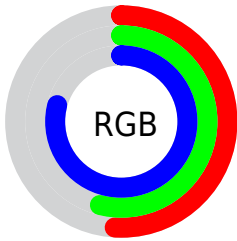
Format	Color
RYB	131, 137, 201
Decimal	8620745
CIELab	59.18, 12.54, -33.42
CIELCh	59, 35.696, 290.558
Yxy	27.2193, 0.2517, 0.2363
Android (android.graphics.Color)	4286810825 (0xFF838AC9)
YUV	143.0890, 28.5501, -10.6021
Hunter-Lab	52.1721, 7.8882, -30.5110

Details

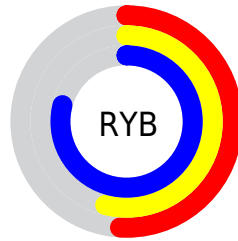
The Hex color **838AC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C9C283**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BABFFF**, and **4E5893** is the 20% darker color. If you saturate the color by 10%, you get **6F78C9**, and if you desaturate by 10%, it is **979CC9**.

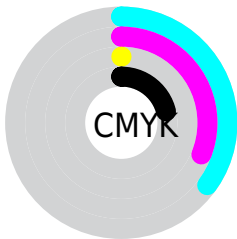
Distribution



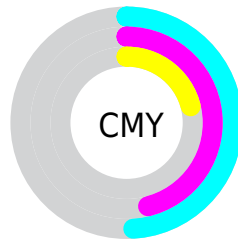
- Red (51%)
- Green (54%)
- Blue (79%)



- Red (51%)
- Yellow (54%)
- Blue (79%)



- Cyan (35%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838AC9 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 838AC9 by changing the saturation by 10% instead.

 838AC9

 838AC9

FFFFFF

 6871AD

 BABFFF

 4E5893

 D6DBFF

 354179

 F3F8FF

 192B60

 001748

 000031

 00011B

 000000

 838AC9

 838AC9

6F78C9

979CC9

5B66C9

ABAEC9

4754C9

BFC0C9

3342C9

D3D2C9

1F30C9

E8E4C9

0A1DC9

FCF7C9

0014C9

FFFFC9

Harmonies

Analogous

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



4C95CC



838AC9



AC7EB7

Triad

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



838AC9



C27E5F



3D9E83

Complementary

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



838AC9



C9C283

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.



699B65



838AC9



AB8950

Square

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



838AC9



CB777A



8D9352



009FA3

Rectangle

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



838AC9



BE78A4



8D9352



4D9D79

Sweetspot

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



838AC9



E6E8FF



83C9C2



707280



000000



808080

Same Dimension

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



838AC9



949FFF



9F83C9



5A5A63



0010A3



000424

Inverse Universe

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



C9838A



FF949F



ADC983



635A5A



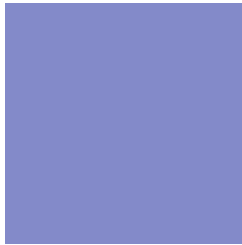
A30010



240004

Previews

White Background



This preview shows how the Hex color 838AC9 looks on a white background.

Color Contrast Check

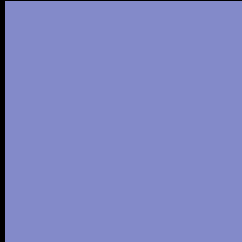
Large Text (above 18pt) WCAG AA ✓ Pass

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 838AC9 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 838AC9 Background



This preview shows how black text looks on a background with the Hex color 838AC9.



This preview shows how white text looks on a background with the Hex color 838AC9.

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
838AC9

Protanopia
7A8CCB

Deuteranopia
7A8DC8



Tritanopia
79929E

Trichromacy



Original Color
838AC9

Protanomaly
7D8BCA

Deuteranomaly
7D8CC8

Tritanomaly
7D8FAE

Monochromacy



Original Color
838AC9

Achromatopsia
8F8F8F

Achromatomaly
8B8DA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 838AC9 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 #838AC9 looks like.

```
.text, #text, p{  
    color:#838AC9  
}
```

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 #838AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838AC9
}
```

Border

The CSS property to change the border of an element to Hex 838AC9 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
#838AC9 }
```

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

```
.border{ border-color:#838AC9 }
```

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

Here you see how a box with a 4 pixel #838AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838AC9; -webkit-box-shadow:4px 4px  
4px 4px #838AC9; box-shadow:4px 4px 4px  
4px #838AC9 }
```

Background

The CSS property to change the background color of an element to Hex 838AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838AC9 }
```

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

```
.background{ background-color:#838AC9 }
```

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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