

Converting Colors

Hex(938AC7)

Have a look what the booklet for
Hex(938AC7) contains.

Hex(938AC7)	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(938AC7)

Conversions

Conversions Part 1

Format	Color
Hex	938AC7
RGB	147, 138, 199
RGB Percent	58%, 54%, 78%
CMY	0.4235, 0.4588, 0.2196
CMYK	0.26, 0.31, 0.00, 0.22
HSL	249°, 35%, 66%
HSV	249°, 31%, 78%
XYZ	31.4299, 28.5035, 57.8780
YIQ	147.6450, -14.2170, 20.8790

Conversions

Conversions Part 2

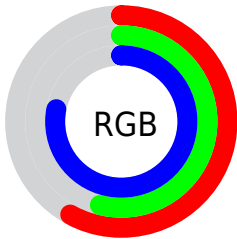
Format	Color
RYB	147, 138, 199
Decimal	9669319
CIELab	60.34, 16.70, -30.39
CIELCh	60, 34.677, 298.792
Yxy	28.5035, 0.2668, 0.2419
Android (android.graphics.Color)	4287859399 (0xFF938AC7)
YUV	147.6450, 25.3180, -0.5657
Hunter-Lab	53.3887, 11.6527, -26.9035

Details

The Hex color **938AC7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BEC78A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CABFFF**, and **5F5891** is the 20% darker color. If you saturate the color by 10%, you get **8276C7**, and if you desaturate by 10%, it is **A49EC7**.

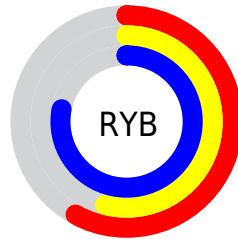
Distribution



Red (58%)

Green (54%)

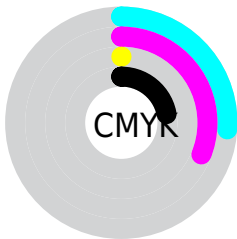
Blue (78%)



Red (58%)

Yellow (54%)

Blue (78%)

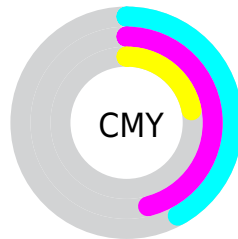


Cyan (26%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938AC7 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 938AC7 by changing the saturation by 10% instead.



938AC7



938AC7

FFFFFF



7971AC



CABFFF



5F5891



E6DBFF



464177



FFF8FF



2D2B5E



141646



010030



00011A



000000



938AC7



938AC7

8276C7

A49EC7

7162C7

B5B2C7

604EC7

C6C6C7

4F3AC7

D7DAC7

3E26C7

E8EEC7

2D13C7

F9FFC7

1D00C7

FFFFC7

Harmonies

Analogous

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



6295CE



938AC7



B77FB2

Triad

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



938AC7



BF855E



37A28F

Complementary

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



938AC7



BEC78A

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.



639F71



938AC7



A68F54

Square

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



938AC7



CC7C76



87985B



00A1AE

Rectangle

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



938AC7



C57B9E



87985B



47A185

Sweetspot

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



938AC7



EBE8FF



8ABFC7



747180



000000



808080

Same Dimension

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



938AC7



AFA1FF



B18AC7



5B5A63



1800A3



050024

Inverse Universe

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



C78ABE



FFA1F1



A0C78A



635A62



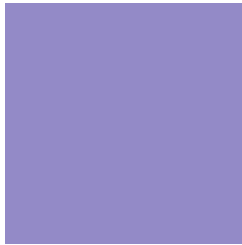
A3008B



24001E

Previews

White Background



This preview shows how the Hex color 938AC7 looks on a white background.

Color Contrast Check

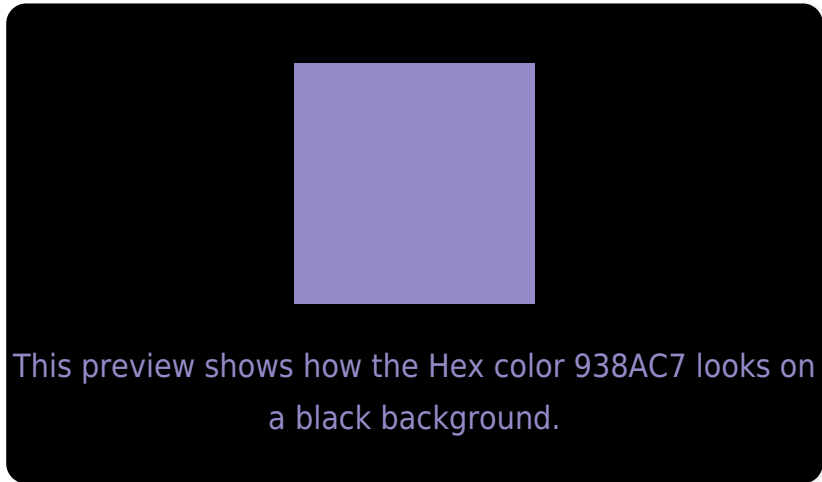
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 938AC7 Background



This preview shows how black text looks on a background with the Hex color 938AC7.



This preview shows how white text looks on a background with the Hex color 938AC7.

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](#).

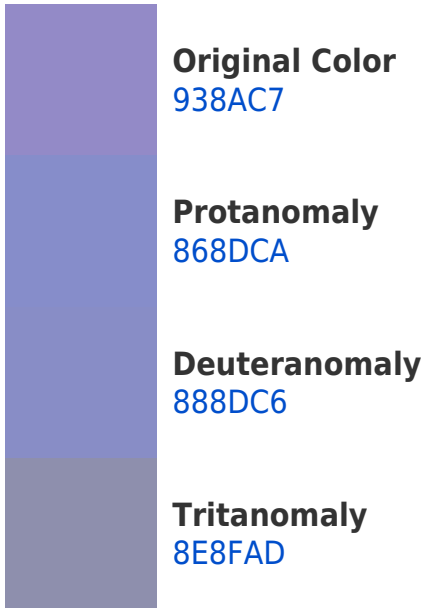
Dichromacy



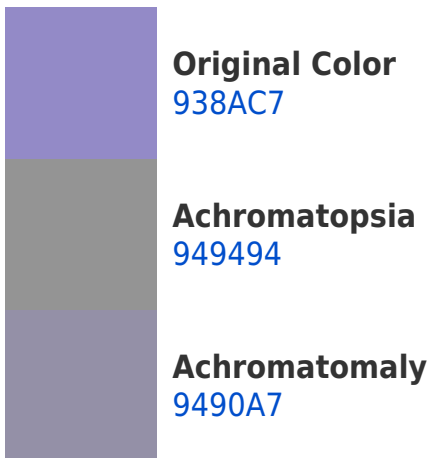


Tritanopia
8B929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 938AC7 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 #938AC7 looks like.

```
.text, #text, p{  
    color:#938AC7  
}
```

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 #938AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938AC7
}
```

Border

The CSS property to change the border of an element to Hex 938AC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

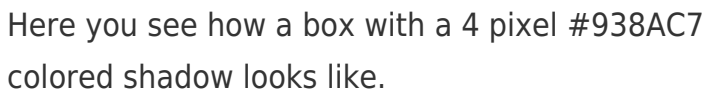
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#938AC7 }
```

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

```
.border{ border-color:#938AC7 }
```

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



Here you see how a box with a 4 pixel #938AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938AC7; -webkit-box-shadow:4px 4px  
4px 4px #938AC7; box-shadow:4px 4px 4px  
4px #938AC7 }
```

Background

The CSS property to change the background color of an element to Hex 938AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938AC7 }
```

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

```
.background{ background-color:#938AC7 }
```

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