

Converting Colors

Hex(938AA7)

Have a look what the booklet for
Hex(938AA7) contains.

Hex(938AA7)	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(938AA7)

Conversions

Conversions Part 1

Format	Color
Hex	938AA7
RGB	147, 138, 167
RGB Percent	58%, 54%, 65%
CMY	0.4235, 0.4588, 0.3451
CMYK	0.12, 0.17, 0.00, 0.35
HSL	259°, 14%, 60%
HSV	259°, 17%, 65%
XYZ	28.0962, 27.1700, 40.3227
YIQ	143.9970, -3.9450, 10.9270

Conversions

Conversions Part 2

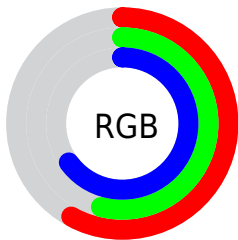
Format	Color
RYB	147, 138, 167
Decimal	9669287
CIELab	59.13, 9.23, -14.09
CIELCh	59, 16.842, 303.236
Yxy	27.1700, 0.2939, 0.2842
Android (android.graphics.Color)	4287859367 (0xFF938AA7)
YUV	143.9970, 11.3405, 2.6336
Hunter-Lab	52.1249, 4.9959, -9.3781

Details

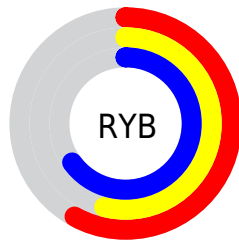
The Hex color **938AA7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9EA78A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C9BFDE**, and **605873** is the 20% darker color. If you saturate the color by 10%, you get **8779A7**, and if you desaturate by 10%, it is **9F9BA7**.

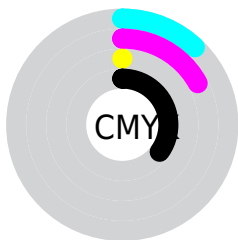
Distribution



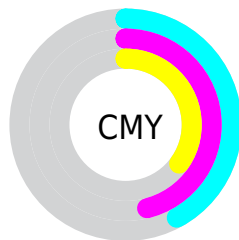
- Red (58%)
- Green (54%)
- Blue (65%)



- Red (58%)
- Yellow (54%)
- Blue (65%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938AA7 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 938AA7 by changing the saturation by 10% instead.

■ 938AA7

■ 938AA7

FFFFFF

■ 79718D

■ C9BFDE

■ 605873

■ E5DBFB

■ 48415A

■ FFF8FF

■ 312B43

■ 1C162D

■ 000018

■ 000000

■ 938AA7

■ 938AA7

■ 8779A7

■ 9F9BA7

7C69A7

AAABA7

7058A7

B6BCA7

6547A7

C1CDA7

5936A7

CDDDA7

4E26A7

D8EEA7

4215A7

E4FFA7

3704A7

EFFFA7

3400A7

FBFFA7

Harmonies

Analogous

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



7F8FAC



938AA7



A3869C

Triad

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



938AA7



A58974



6A978F

Complementary

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



938AA7



9EA78A

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.



779681



938AA7



988E71

Square

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



938AA7



AC857F



889275



66969E

Rectangle

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



938AA7



AA8492



889275



6E978A

Sweetspot

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



938AA7



D1CED9



8A9EA7



69676E



EDEDED



6E6E6E

Same Dimension

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



938AA7



B9ABD9



A18AA7



4E4C54



2E0094



060014

Inverse Universe

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



A78A9E



D9ABCB



90A78A



544C52



940066



14000E

Previews

White Background



This preview shows how the Hex color 938AA7 looks on a white background.

Color Contrast Check

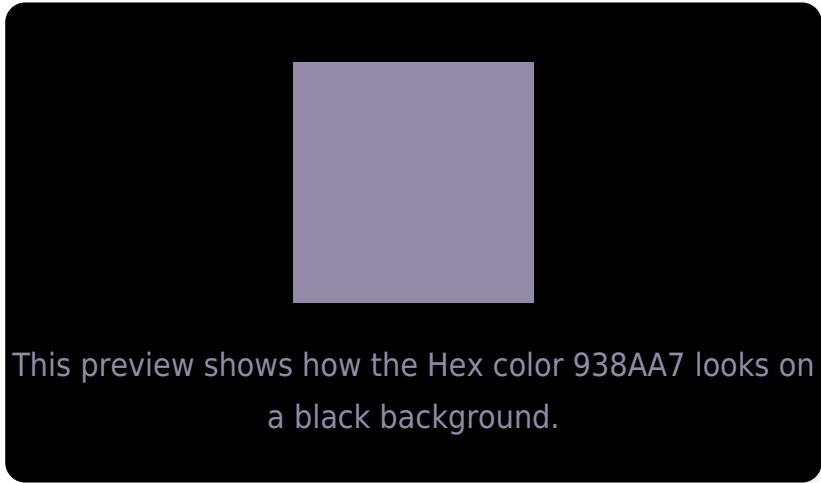
Large Text (above 18pt) WCAG AA ✓ Pass

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

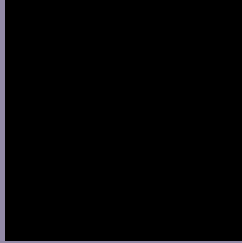
Any Text WCAG AA ✓ Pass

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 938AA7 Background



This preview shows how black text looks on a background with the Hex color 938AA7.



This preview shows how white text looks on a background with the Hex color 938AA7.

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
938AA7

Protanopia
898DA9

Deuteranopia
908BA7



Tritanopia
908D98

Trichromacy



Original Color
938AA7

Protanomaly
8D8CA8

Deuteranomaly
918BA7

Tritanomaly
918C9D

Monochromacy



Original Color
938AA7

Achromatopsia
909090

Achromatomaly
918E98

CSS Examples

Text

The CSS property to change the color of the text to Hex 938AA7 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 #938AA7 looks like.

```
.text, #text, p{  
    color:#938AA7  
}
```

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 #938AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938AA7  
}
```

Border

The CSS property to change the border of an element to Hex 938AA7 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  
#938AA7 }
```

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

```
.border{ border-color:#938AA7 }
```

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

Here you see how a box with a 4 pixel #938AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938AA7; -webkit-box-shadow:4px 4px  
4px 4px #938AA7; box-shadow:4px 4px 4px  
4px #938AA7 }
```

Background

The CSS property to change the background color of an element to Hex 938AA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938AA7 }
```

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

```
.background{ background-color:#938AA7 }
```

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