

Converting Colors

Hex(938CCA)

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

Hex(938CCA)	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(938CCA)

Conversions

Conversions Part 1

Format	Color
Hex	938CCA
RGB	147, 140, 202
RGB Percent	58%, 55%, 79%
CMY	0.4235, 0.4510, 0.2078
CMYK	0.27, 0.31, 0.00, 0.21
HSL	247°, 37%, 67%
HSV	247°, 31%, 79%
XYZ	32.0714, 29.2235, 59.8275
YIQ	149.1610, -15.7300, 20.7660

Conversions

Conversions Part 2

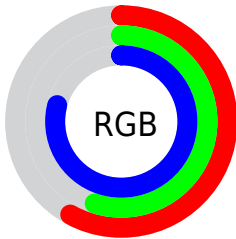
Format	Color
R_{YB}	147, 140, 202
Decimal	9669834
CIE _{Lab}	60.98, 16.29, -31.09
CIE _{LCh}	61, 35.099, 297.654
Yxy	29.2235, 0.2648, 0.2413
Android (android.graphics.Color)	4287859914 (0xFF938CCA)
YUV	149.1610, 26.0496, -1.8952
Hunter-Lab	54.0587, 11.2957, -27.7758

Details

The Hex color **938CCA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3CA8C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CAC2FF**, and **5F5A94** is the 20% darker color. If you saturate the color by 10%, you get **8178CA**, and if you desaturate by 10%, it is **A5A0CA**.

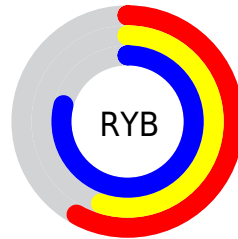
Distribution



Red (58%)

Green (55%)

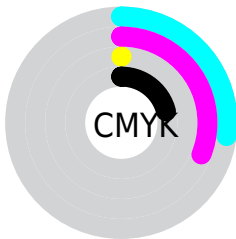
Blue (79%)



Red (58%)

Yellow (55%)

Blue (79%)

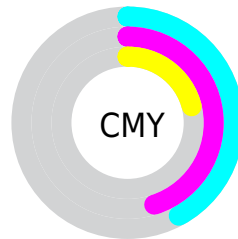


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (21%)



Cyan (42%)

Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

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

■ 938CCA

■ 938CCA

FFFFFF

■ 7873AE

■ CAC2FF

■ 5F5A94

■ E7DDFF

■ 46437A

■ FFFAFF

■ 2D2C61

■ 131848

■ 000032

■ 00011C

■ 000000

■ 938CCA

■ 938CCA

8178CA

A5A0CA

6F64CA

B7B4CA

5D4FCA

C9C9CA

4B3BCA

DBDDCA

3927CA

EDF1CA

2713CA

FFFFCA

1700CA

Harmonies

Analogous

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



6197D1



938CCA



B881B5

Triad

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



938CCA



C28660



39A390

Complementary

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



938CCA



C3CA8C

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.



65A071



938CCA



AA9055

Square

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



938CCA



CF7D78



8A9A5B



00A3AF

Rectangle

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



938CCA



C77CA1



8A9A5B



49A385

Sweetspot

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



938CCA



EBE8FF



8CC4CA



737180



000000



808080

Same Dimension

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



938CCA



ABA1FF



B18CCA



5D5C66



1300A6



040026

Inverse Universe

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



CA8CC3



FFA1F4



A5CA8C



665C65



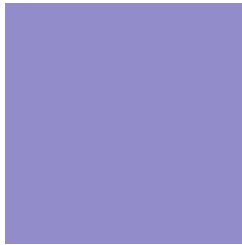
A60093



260022

Previews

White Background



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

Color Contrast Check

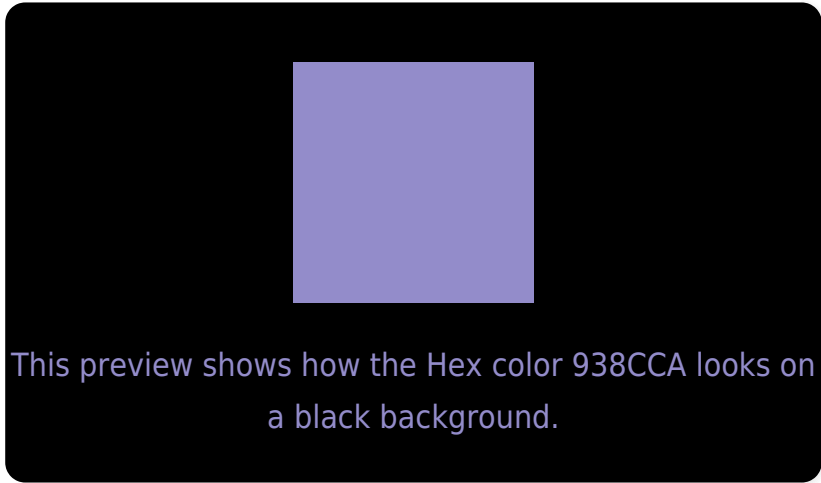
Large Text (above 18pt) WCAG AA ✓ Pass

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

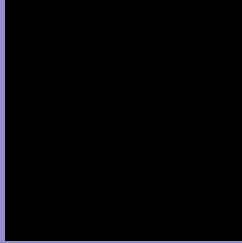
Any Text WCAG AA ✓ Pass

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 938CCA Background



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

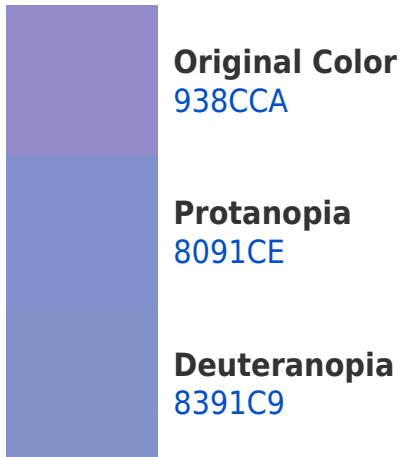


This preview shows how white text looks on a background with the Hex color 938CCA.

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](#).

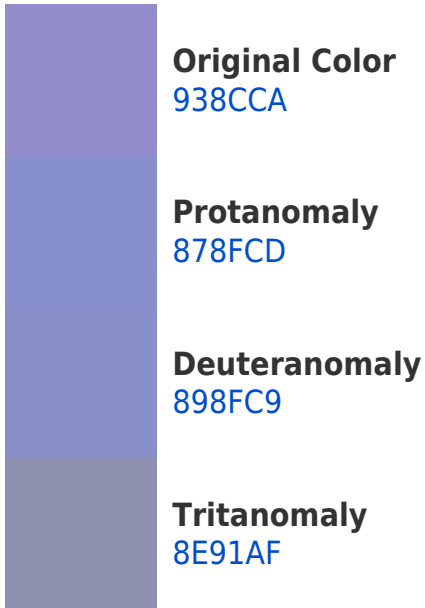
Dichromacy



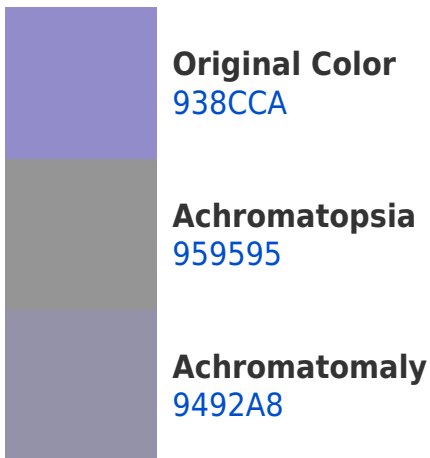


Tritanopia
8B94A0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #938CCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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