

Converting Colors

Hex(939CCB)

Have a look what the booklet for
Hex(939CCB) contains.

Hex(939CCB)	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(939CCB)

Conversions

Conversions Part 1

Format	Color
Hex	939CCB
RGB	147, 156, 203
RGB Percent	58%, 61%, 80%
CMY	0.4235, 0.3882, 0.2039
CMYK	0.28, 0.23, 0.00, 0.20
HSL	230°, 35%, 69%
HSV	230°, 28%, 80%
XYZ	34.7006, 34.2918, 61.2900
YIQ	158.6670, -20.4510, 12.7090

Conversions

Conversions Part 2

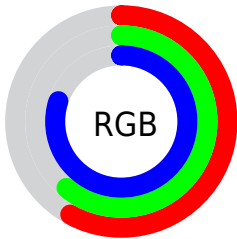
Format	Color
RYB	147, 155, 203
Decimal	9673931
CIELab	65.19, 7.39, -25.15
CIELCh	65, 26.209, 286.367
Yxy	34.2918, 0.2663, 0.2632
Android (android.graphics.Color)	4287864011 (0xFF939CCB)
YUV	158.6670, 21.8562, -10.2320
Hunter-Lab	58.5592, 3.2957, -21.0634

Details

The Hex color **939CCB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBC293**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CAD2FF**, and **5F6995** is the 20% darker color. If you saturate the color by 10%, you get **7F8BCB**, and if you desaturate by 10%, it is **A7ADCB**.

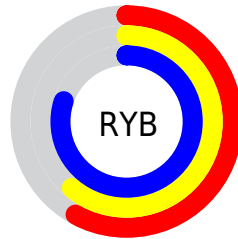
Distribution



Red (58%)

Green (61%)

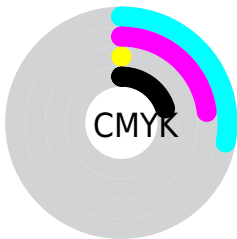
Blue (80%)



Red (58%)

Yellow (61%)

Blue (80%)

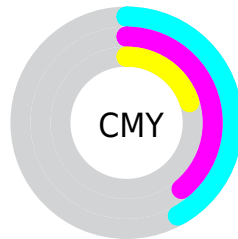


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939CCB 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 939CCB by changing the saturation by 10% instead.

■ 939CCB

■ 939CCB

FFFFFF

■ 7982AF

■ CAD2FF

■ 5F6995

■ E6EFFF

■ 46517B

■ 2D3A62

■ 14254A

■ 001033

■ 00021D

■ 000000

■ 939CCB

■ 939CCB

 7F8BCB

 A7ADCB

 6A7ACB

 BCBECB

 5669CB

 D0CFCB

 4258CB

 E4E0CB

 2E47CB

 F9F1CB

 1936CB

 FFFFCB

 0525CB

 0021CB

Harmonies

Analogous

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



72A4CB



939CCB



B194BF

Triad

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



939CCB



C9927D



6DAB92

Complementary

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



939CCB



CBC293

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.



87A77D



939CCB



B99971

Square

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



939CCB



CE8D92



A2A171



59ABAB

Rectangle

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



939CCB



C190B2



A2A171



75AA8B

Sweetspot

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



939CCB



EBEFFF



93CBC2



737580



000000



808080

Same Dimension

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



939CCB



ABB8FF



A693CB



5C5D66



001BA6



000626

Inverse Universe

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



CB939C



FFABB8



B8CB93



665C5D



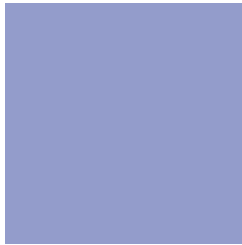
A6001B



260006

Previews

White Background



This preview shows how the Hex color 939CCB looks on a white background.

Color Contrast Check

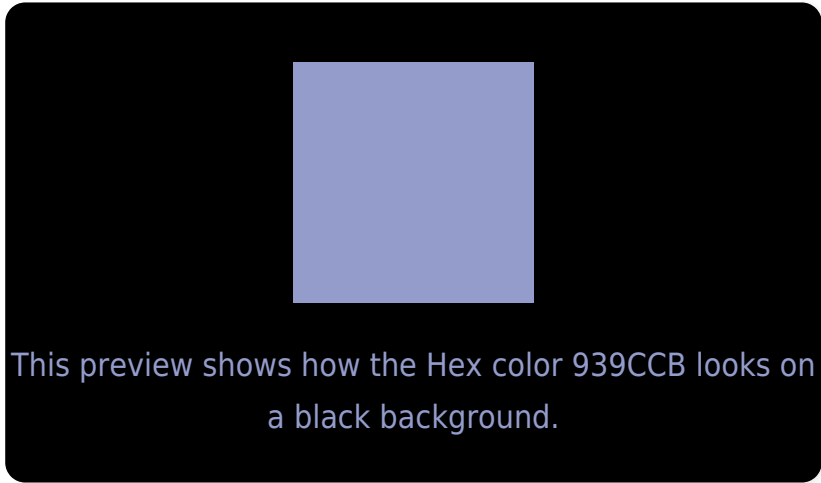
Large Text (above 18pt) WCAG AA × Fail

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

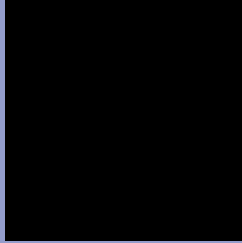
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 939CCB Background



This preview shows how black text looks on a background with the Hex color 939CCB.



This preview shows how white text looks on a background with the Hex color 939CCB.

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
939CCB

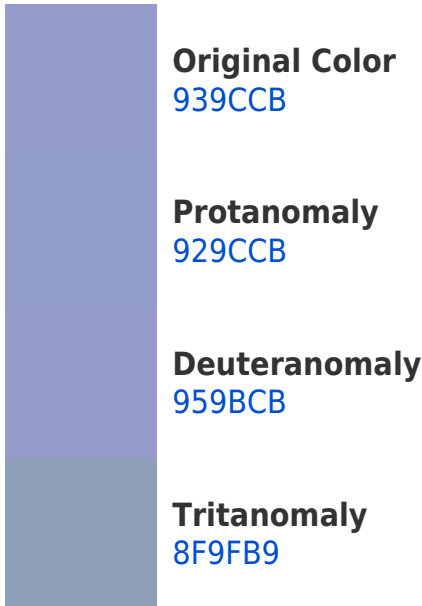
Protanopia
929CCB

Deuteranopia
969BCB

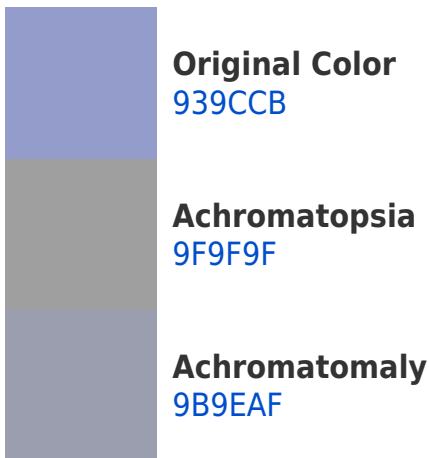


Tritanopia
8DA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939CCB 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 #939CCB looks like.

```
.text, #text, p{  
    color:#939CCB  
}
```

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 #939CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939CCB
}
```

Border

The CSS property to change the border of an element to Hex 939CCB 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
#939CCB }
```

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

```
.border{ border-color:#939CCB }
```

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

Here you see how a box with a 4 pixel #939CCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939CCB; -webkit-box-shadow:4px 4px  
4px 4px #939CCB; box-shadow:4px 4px 4px  
4px #939CCB }
```

Background

The CSS property to change the background color of an element to Hex 939CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939CCB }
```

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

```
.background{ background-color:#939CCB }
```

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