

Converting Colors

Hex(939DCC)

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

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Color

Hex(939DCC)

Conversions

Conversions Part 1

Format	Color
Hex	939DCC
RGB	147, 157, 204
RGB Percent	58%, 62%, 80%
CMY	0.4235, 0.3843, 0.2000
CMYK	0.28, 0.23, 0.00, 0.20
HSL	229°, 36%, 69%
HSV	229°, 28%, 80%
XYZ	34.9887, 34.6766, 61.9759
YIQ	159.3680, -21.0470, 12.4970

Conversions

Conversions Part 2

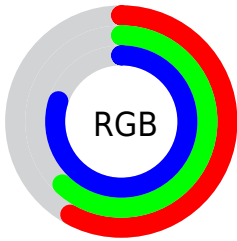
Format	Color
RYB	147, 156, 204
Decimal	9674188
CIELab	65.50, 7.07, -25.24
CIElCh	65, 26.209, 285.643
Yxy	34.6766, 0.2658, 0.2634
Android (android.graphics.Color)	4287864268 (0xFF939DCC)
YUV	159.3680, 22.0036, -10.8467
Hunter-Lab	58.8869, 3.0070, -21.1794

Details

The Hex color **939DCC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCC293**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CAD3FF**, and **5F6A96** is the 20% darker color. If you saturate the color by 10%, you get **7F8CCC**, and if you desaturate by 10%, it is **A7AECC**.

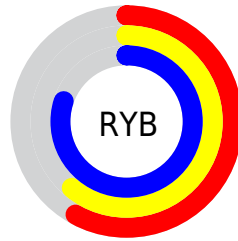
Distribution



Red (58%)

Green (62%)

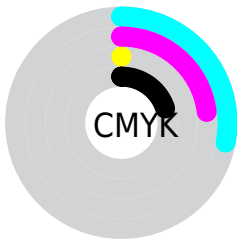
Blue (80%)



Red (58%)

Yellow (61%)

Blue (80%)

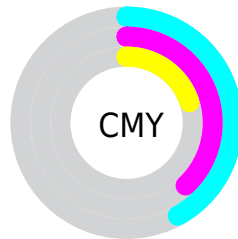


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

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

■ 939DCC

■ 939DCC

FFFFFF

■ 7983B0

■ CAD3FF

■ 5F6A96

■ E6F0FF

■ 46527C

■ 2D3B63

■ 14254B

■ 001134

■ 00021E

■ 000001

■ 000000

■ 939DCC

■ 939DCC

■ 7F8CCC

■ A7AECC

■ 6A7BCC

■ BCBFCC

■ 566BCC

■ D0CFCC

■ 415ACC

■ E5E0CC

■ 2D49CC

■ F9F1CC

■ 1938CC

■ FFFFCC

■ 0427CC

■ 0024CC

Harmonies

Analogous

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



72A5CC



939DCC



B295C0

Triad

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



939DCC



CA927E



6EAB93

Complementary

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



939DCC



CCC293

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.



89A87E



939DCC



BA9A72

Square

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



939DCC



CF8E93



A3A172



5AACAB

Rectangle

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



939DCC



C191B3



A3A172



77AA8B

Sweetspot

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



939DCC



EBEFFF



93CCC2



737580



000000



808080

Same Dimension

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



939DCC



A8B8FF



A593CC



5C5E66



001DA6



000726

Inverse Universe

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



CC939D



FFA8B8



BACC93



665C5E



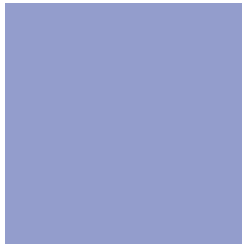
A6001D



260007

Previews

White Background



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

Color Contrast Check

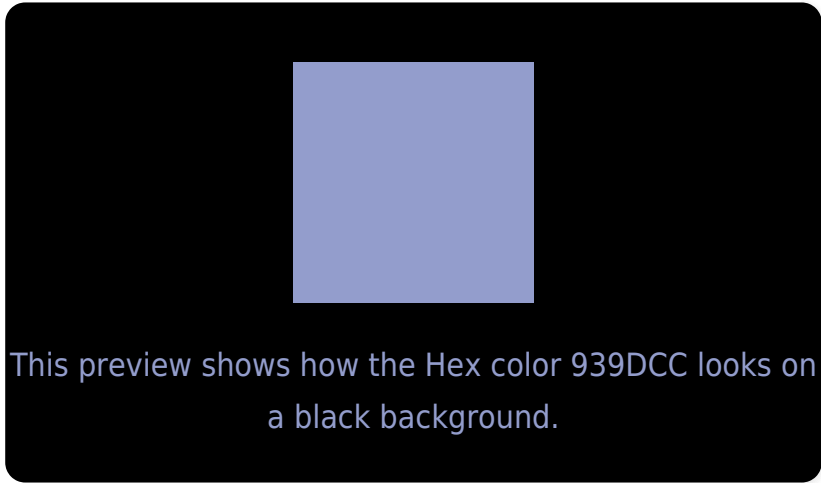
Large Text (above 18pt) WCAG AA × Fail

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

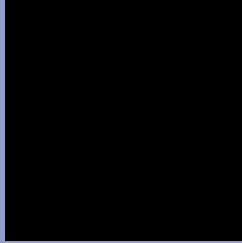
Any Text WCAG AA ✓ Pass

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 939DCC Background



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



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

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
939DCC

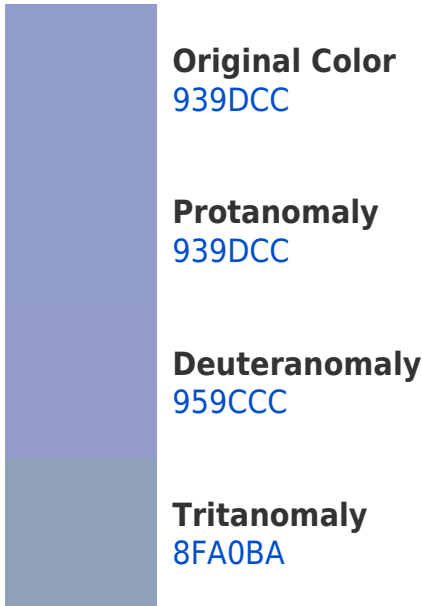
Protanopia
939DCC

Deuteranopia
969CCC

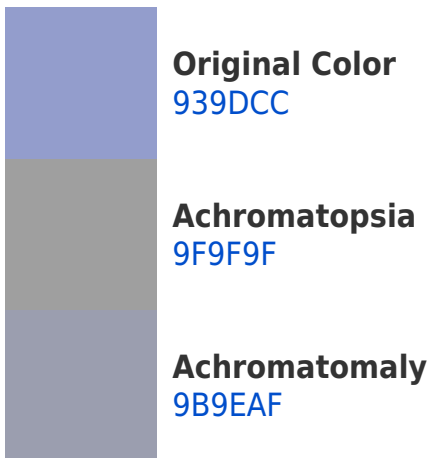


Tritanopia
8DA2AF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #939DCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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