

Converting Colors

Hex(939BBA)

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

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Color

Hex(939BBA)

Conversions

Conversions Part 1

Format	Color
Hex	939BBA
RGB	147, 155, 186
RGB Percent	58%, 61%, 73%
CMY	0.4235, 0.3922, 0.2706
CMYK	0.21, 0.17, 0.00, 0.27
HSL	228°, 22%, 65%
HSV	228°, 21%, 73%
XYZ	32.6169, 33.1909, 51.1418
YIQ	156.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

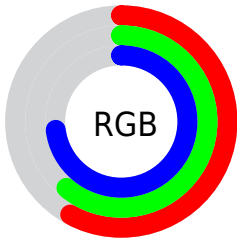
Format	Color
RYB	147, 154, 186
Decimal	9673658
CIELab	64.32, 3.87, -16.99
CIElCh	64, 17.427, 282.832
Yxy	33.1909, 0.2789, 0.2838
Android (android.graphics.Color)	4287863738 (0xFF939BBA)
YUV	156.1420, 14.7200, -8.0175
Hunter-Lab	57.6115, 0.2379, -12.3036

Details

The Hex color **939BBA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BAB293**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C9D1F2**, and **606885** is the 20% darker color. If you saturate the color by 10%, you get **808CBA**, and if you desaturate by 10%, it is **A6AABA**.

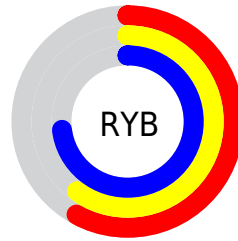
Distribution



Red (58%)

Green (61%)

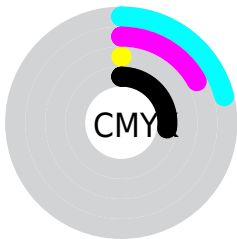
Blue (73%)



Red (58%)

Yellow (60%)

Blue (73%)

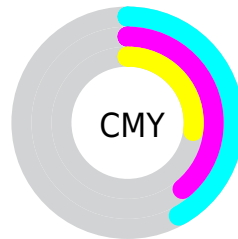


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

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

■ 939BBA

■ 939BBA

FFFFFF

■ 79819F

■ C9D1F2

■ 606885

■ E6EEFF

■ 47506C

■ 303953

■ 1A243C

■ 030E26

■ 000110

■ 000000

■ 939BBA

■ 939BBA

808CBA

A6AABA

6E7DBA

B8B9BA

5B6FBA

CBC7BA

4960BA

DDD6BA

3651BA

F0E5BA

2342BA

FFF4BA

1134BA

FFFFBA

0026BA

Harmonies

Analogous

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



7FA0B9



939BBA



A796B3

Triad

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



939BBA



BA9387



7FA492

Complementary

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



939BBA



BAB293

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.



8FA185



939BBA



B0987F

Square

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



939BBA



BC9196



A19D7E



74A5A2

Rectangle

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



939BBA



B293AA



A19D7E



84A48D

Sweetspot

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



939BBA



E4E7F2



93BAB2



72747A



FAFAFA



7A7A7A

Same Dimension

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



939BBA



B6C2F2



9E93BA



53555C



00209C



00061C

Inverse Universe

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



BA939B



F2B6C2



AFBA93



5C5355



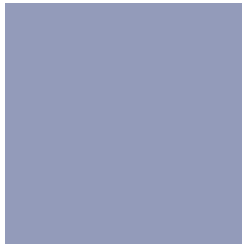
9C0020



1C0006

Previews

White Background



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

Color Contrast Check

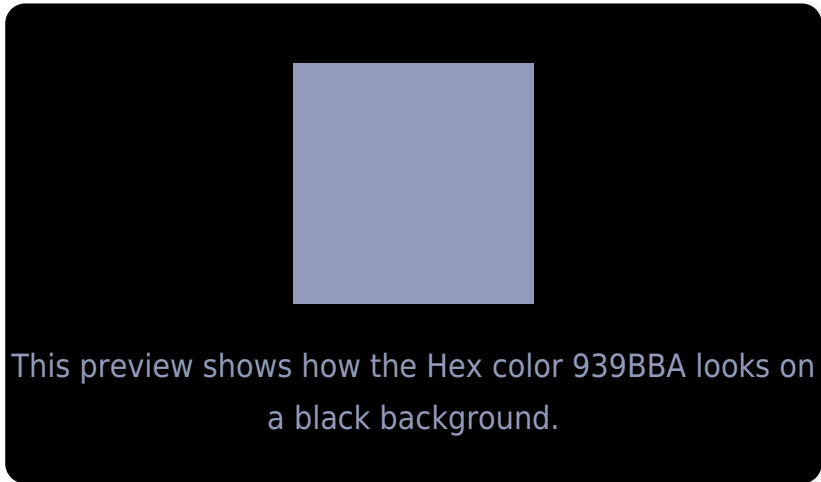
Large Text (above 18pt) WCAG AA × Fail

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

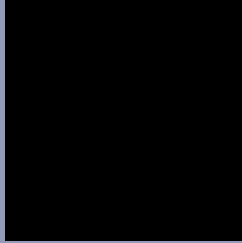
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

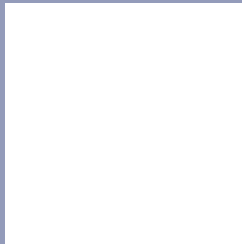
Any Text WCAG AAA ✓ Pass

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

Hex 939BBA Background



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



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

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
939BBA

Protanopia
959ABA

Deuteranopia
9C98BB



Tritanopia
909EAA

Trichromacy



Original Color
939BBA

Protanomaly
949ABA

Deuteranomaly
9999BB

Tritanomaly
919DB0

Monochromacy



Original Color
939BBA

Achromatopsia
9C9C9C

Achromatomaly
999CA7

CSS Examples

Text

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

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

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 #939BBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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