

Converting Colors

Hex(939BDA)

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

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Color

Hex(939BDA)

Conversions

Conversions Part 1

Format	Color
Hex	939BDA
RGB	147, 155, 218
RGB Percent	58%, 61%, 85%
CMY	0.4235, 0.3922, 0.1451
CMYK	0.33, 0.29, 0.00, 0.15
HSL	233°, 49%, 72%
HSV	233°, 33%, 85%
XYZ	36.4089, 34.7077, 71.1100
YIQ	159.7900, -24.9910, 17.8970

Conversions

Conversions Part 2

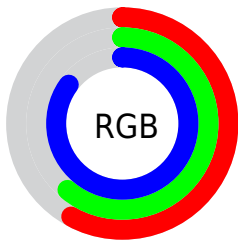
Format	Color
RYB	147, 154, 218
Decimal	9673690
CIELab	65.52, 11.75, -32.97
CIELCh	66, 34.999, 289.611
Yxy	34.7077, 0.2560, 0.2440
Android (android.graphics.Color)	4287863770 (0xFF939BDA)
YUV	159.7900, 28.6975, -11.2168
Hunter-Lab	58.9132, 7.2163, -30.3255

Details

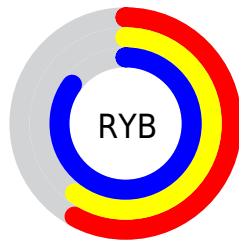
The Hex color **939BDA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DAD293**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CBD1FF**, and **5E68A3** is the 20% darker color. If you saturate the color by 10%, you get **7D88DA**, and if you desaturate by 10%, it is **A9AEDA**.

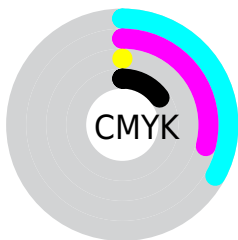
Distribution



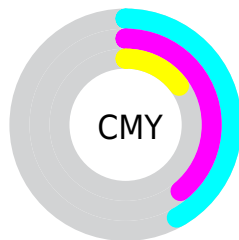
- Red (58%)
- Green (61%)
- Blue (85%)



- Red (58%)
- Yellow (60%)
- Blue (85%)



- Cyan (33%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

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

■ 939BDA

■ 939BDA

FFFFFF

■ 7881BE

■ CBD1FF

■ 5E68A3

■ E7EEFF

■ 445088

■ 2A396F

■ 0B2456

■ 00103E

■ 000328

■ 000112

■ 000000

 939BDA

 939BDA

 7D88DA

 A9AEDA

 6774DA

 BFC2DA

 5261DA

 D4D5DA

 3C4EDA

 EAE8DA

 263ADA

 FFFCDA

 1027DA

 FFFFDA

 0019DA

Harmonies

Analogous

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



5FA5DC



939BDA



BC90C8

Triad

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



939BDA



D48F71



53AF93

Complementary

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



939BDA



DAD293

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.



7BAB75



939BDA



BE9961

Square

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



939BDA



DD888C



9FA463



29B0B3

Rectangle

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



939BDA



CF8AB6



9FA463



61AE88

Sweetspot

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



939BDA



E6E8FF



93DAD2



707280



000000



808080

Same Dimension

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



939BDA



9CA7FF



AE93DA



63646E



0014AD



00052E

Inverse Universe

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



DA939B



FF9CA7



BFDA93



6E6364



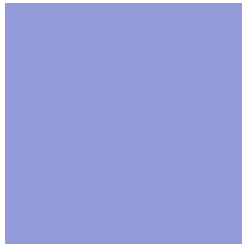
AD0014



2E0005

Previews

White Background



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

Color Contrast Check

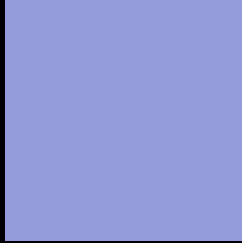
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 939BDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

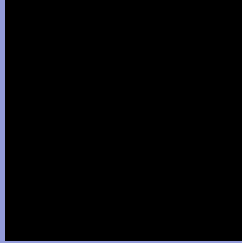
Any Text WCAG AA ✓ Pass

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 939BDA Background



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



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

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
939BDA

Protanopia
8C9DDB

Deuteranopia
8D9DDA



Tritanopia
8AA3B0

Trichromacy



Original Color
939BDA

Protanomaly
8F9CDB

Deuteranomaly
8F9CDA

Tritanomaly
8DA0BF

Monochromacy



Original Color
939BDA

Achromatopsia
A0A0A0

Achromatomaly
9B9EB5

CSS Examples

Text

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

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

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 #939BDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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