

Converting Colors

Hex(939DDE)

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

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Color

Hex(939DDE)

Conversions

Conversions Part 1

Format	Color
Hex	939DDE
RGB	147, 157, 222
RGB Percent	58%, 62%, 87%
CMY	0.4235, 0.3843, 0.1294
CMYK	0.34, 0.29, 0.00, 0.13
HSL	232°, 53%, 72%
HSV	232°, 34%, 87%
XYZ	37.2744, 35.5909, 74.0124
YIQ	161.4200, -26.8250, 18.0950

Conversions

Conversions Part 2

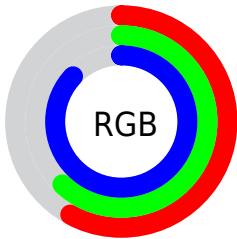
Format	Color
RYB	147, 156, 222
Decimal	9674206
CIELab	66.21, 11.65, -34.12
CIELCh	66, 36.049, 288.848
Yxy	35.5909, 0.2538, 0.2423
Android (android.graphics.Color)	4287864286 (0xFF939DDE)
YUV	161.4200, 29.8659, -12.6463
Hunter-Lab	59.6581, 7.1251, -31.7950

Details

The Hex color **939DDE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DED493**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CBD3FF**, and **5E6AA7** is the 20% darker color. If you saturate the color by 10%, you get **7D8ADE**, and if you desaturate by 10%, it is **A9B0DE**.

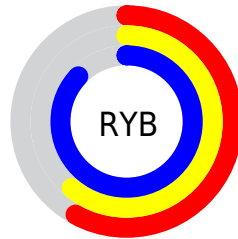
Distribution



Red (58%)

Green (62%)

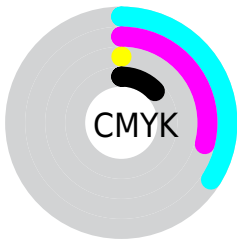
Blue (87%)



Red (58%)

Yellow (61%)

Blue (87%)

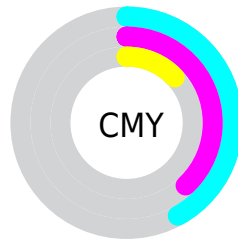


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients

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

■ 939DDE

■ 939DDE

FFFFFF

■ 7883C2

■ CBD3FF

■ 5E6AA7

■ E7F0FF

■ 43528C

■ 293B72

■ 072659

■ 001242

■ 00032B

■ 000115

■ 000000

 939DDE

 939DDE

 7D8ADE

 A9B0DE

 6777DE

 BFC3DE

 5063DE

 D6D7DE

 3A50DE

 ECEADE

 243DDE

 FFFDDE

 0E2ADE

 FFFFDE

 001EDE

Harmonies

Analogous

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



5DA8E0



939DDE



BE91CC

Triad

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



939DDE



D79072



53B193

Complementary

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



939DDE



DED493

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.



7DAD75



939DDE



C19B61

Square

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



939DDE



E0898E



A2A563



23B2B5

Rectangle

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



939DDE



D18BB9



A2A563



62B089

Sweetspot

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



939DDE



E6E9FF



93DED4



707280



000000



808080

Same Dimension

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



939DDE



96A4FF



AE93DE



656670



0017B0



000630

Inverse Universe

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



DE939D



FF96A4



C3DE93



706566



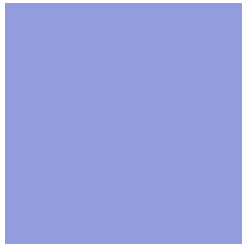
B00017



300006

Previews

White Background



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

Color Contrast Check

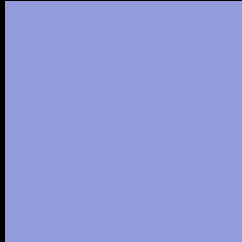
Large Text (above 18pt) WCAG AA × Fail

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 939DDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

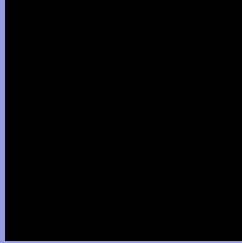
Any Text WCAG AA ✓ Pass

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 939DDE Background



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



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

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
939DDE

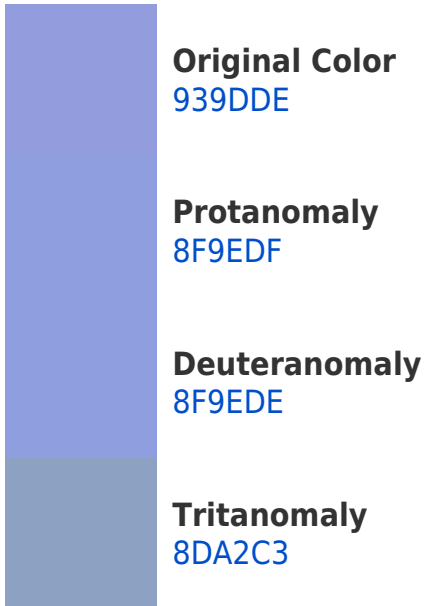
Protanopia
8D9EDF

Deuteranopia
8D9FDE

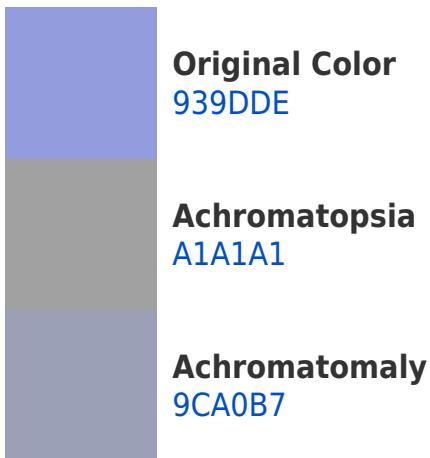


Tritanopia
89A5B3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #939DDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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