

# Converting Colors

Hex(939DB6)

Have a look what the booklet for  
Hex(939DB6) contains.

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# **Color**

**Hex(939DB6)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 939DB6                     |
| RGB         | 147, 157, 182              |
| RGB Percent | 58%, 62%, 71%              |
| CMY         | 0.4235, 0.3843, 0.2863     |
| CMYK        | 0.19, 0.14, 0.00, 0.29     |
| HSL         | 223°, 19%, 65%             |
| HSV         | 223°, 19%, 71%             |
| XYZ         | 32.5331, 33.6944, 49.0450  |
| YIQ         | 156.8600, -13.9850, 5.6550 |

# Conversions

## Conversions Part 2

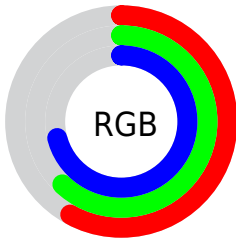
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">147, 155, 182</a>                                |
| Decimal                             | <a href="#">9674166</a>                                      |
| CIELab                              | <a href="#">64.72, 1.83, -14.14</a>                          |
| CIElCh                              | <a href="#">65, 14.258, 277.368</a>                          |
| Yxy                                 | <a href="#">33.6944, 0.2822, 0.2923</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4287864246</a><br>( <a href="#">0xFF939DB6</a> ) |
| YUV                                 | <a href="#">156.8600, 12.3940, -8.6472</a>                   |
| Hunter-Lab                          | <a href="#">58.0469, -1.5395, -9.4625</a>                    |

# Details

The Hex color **939DB6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B6AC93**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C9D3EE**, and **606A81** is the 20% darker color. If you saturate the color by 10%, you get **8190B6**, and if you desaturate by 10%, it is **A5AAB6**.

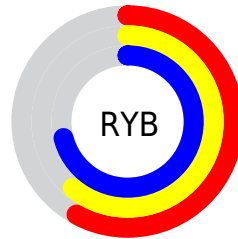
# Distribution



Red (58%)

Green (62%)

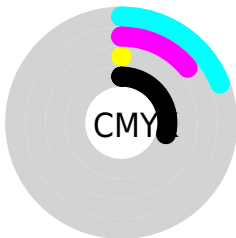
Blue (71%)



Red (58%)

Yellow (61%)

Blue (71%)

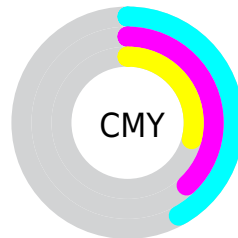


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (38%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939DB6 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 939DB6 by changing the saturation by 10% instead.



■ 939DB6

■ 939DB6

FFFFFF

■ 79839B

■ C9D3EE

■ 606A81

■ E6F0FF

■ 485268

■ 313B50

■ 1A2539


■ 041023

■ 00000C

■ 000000

■ 939DB6

■ 939DB6

 8190B6

 A5AAB6

 6F83B6

 B7B7B6

 5C76B6

 CAC4B6

 4A69B6

 DCD1B6

 385CB6


 EEDEB6

 264FB6

 FFEBB6

 1442B6

 FFF8B6

 0135B6

 FFFFB6

 0034B6

# Harmonies

## Analogous

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



84A1B4



939DB6



A399B1

# Triad

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



939DB6



B7968E



88A493

# Complementary

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



939DB6



B6AC93

# 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.



95A189



939DB6



B09986

# Square

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



939DB6



B7949A



A49D84



7EA5A0

# Rectangle

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



939DB6



AD96AB



A49D84



8CA38F



# Sweetspot

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



939DB6



DFE3ED



93B6AC



6F7278



F7F7F7



787878



# Same Dimension

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



939DB6



B7C6ED



9A93B6



53555C



002C9C



00081C



# Inverse Universe

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



B6939D



EDB7C6



AFB693



5C5355



9C002C

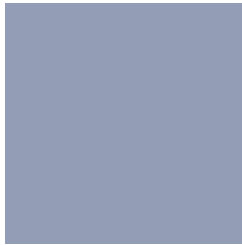


1C0008



# Previews

## White Background



This preview shows how the Hex color 939DB6 looks on a white background.

## Color Contrast Check

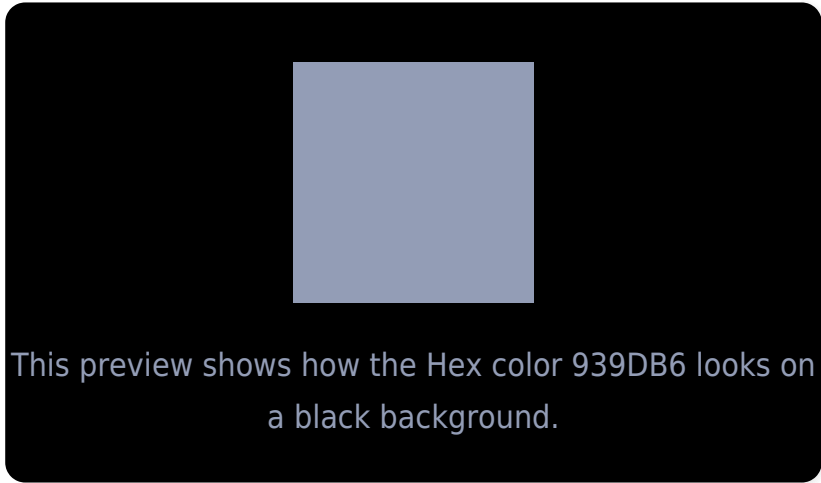
Large Text (above 18pt) WCAG AA × Fail

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

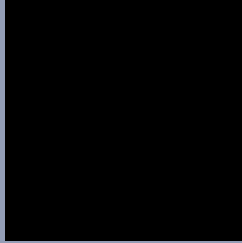
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

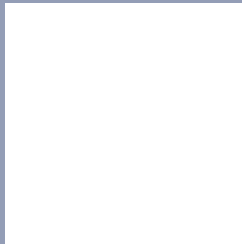
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 939DB6 Background



This preview shows how black text looks on a background with the Hex color 939DB6.



This preview shows how white text looks on a background with the Hex color 939DB6.

# 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**  
939DB6

**Protanopia**  
989CB5

**Deuteranopia**  
A099B7



# Trichromacy



**Original Color**  
939DB6

**Protanomaly**  
969CB5

**Deuteranomaly**  
9B9AB7

**Tritanomaly**  
929EAF

# Monochromacy



**Original Color**  
939DB6

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
999DA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939DB6 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 #939DB6 looks like.

```
.text, #text, p{  
    color:#939DB6  
}
```

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 #939DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939DB6
}
```

## Border

The CSS property to change the border of an element to Hex 939DB6 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
#939DB6 }
```

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

```
.border{ border-color:#939DB6 }
```

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

Here you see how a box with a 4 pixel #939DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939DB6; -webkit-box-shadow:4px 4px  
4px 4px #939DB6; box-shadow:4px 4px 4px  
4px #939DB6 }
```

# Background

The CSS property to change the background color of an element to Hex 939DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939DB6 }
```

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

```
.background{ background-color:#939DB6 }
```

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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