

# Converting Colors

Hex(939AA6)

Have a look what the booklet for  
Hex(939AA6) contains.

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# **Color**

**Hex(939AA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	939AA6
RGB	147, 154, 166
RGB Percent	58%, 60%, 65%
CMY	0.4235, 0.3961, 0.3490
CMYK	0.11, 0.07, 0.00, 0.35
HSL	218°, 10%, 61%
HSV	218°, 11%, 65%
XYZ	30.4712, 32.0674, 40.6600
YIQ	153.2750, -8.0240, 2.2480

# Conversions

## Conversions Part 2

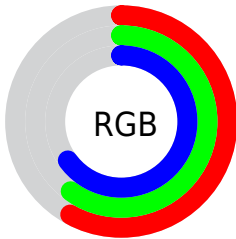
Format	Color
<a href="#">RYB</a>	<a href="#">147, 152, 166</a>
Decimal	<a href="#">9673382</a>
CIELab	<a href="#">63.40, -0.03, -7.13</a>
CIElCh	<a href="#">63, 7.129, 269.760</a>
Yxy	<a href="#">32.0674, 0.2953, 0.3107</a>
Android (android.graphics.Color)	<a href="#">4287863462</a> ( <a href="#">0xFF939AA6</a> )
YUV	<a href="#">153.2750, 6.2734, -5.5032</a>
Hunter-Lab	<a href="#">56.6281, -3.0497, -2.9316</a>

# Details

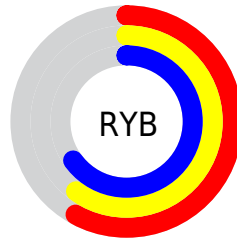
The Hex color **939AA6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A69F93**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C9D0DD**, and **606772** is the 20% darker color. If you saturate the color by 10%, you get **8290A6**, and if you desaturate by 10%, it is **A4A4A6**.

# Distribution



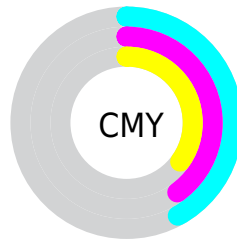
- Red (58%)
- Green (60%)
- Blue (65%)



- Red (58%)
- Yellow (60%)
- Blue (65%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (40%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939AA6 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 939AA6 by changing the saturation by 10% instead.



■ 939AA6

■ 939AA6

FFFFFF

■ 79808C

■ C9D0DD

■ 606772

■ E5EDFA

■ 484F5A

■ 323842

■ 1D232C

■ 040D18

■ 000000

■ 939AA6

■ 939AA6

■ 8290A6

■ A4A4A6

7285A6

B4AFA6

617BA6

C5B9A6

5170A6

D5C4A6

4066A6

E6CEA6

2F5BA6

F7D9A6

1F51A6

FFE3A6

0E46A6

FFEEA6

003DA6

FFF8A6

# Harmonies

## Analogous

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



8D9CA4



939AA6



9B98A4

# Triad

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



939AA6



A79693



919D93

# Complementary

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



939AA6



A69F93

# 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.



989B8E



939AA6



A5978F

# Square

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



939AA6



A6959A



9F998D



8C9D99

# Rectangle

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



939AA6



A097A2



9F998D



939C91



# Sweetspot

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



939AA6



D2D5D9



93A69F



696B6E



EDEDED



6E6E6E



# Same Dimension

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



939AA6



BAC6D9



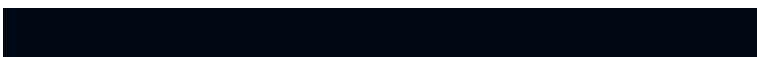
9593A6



4C4F54



003694



000814



# Inverse Universe

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



A6939A



D9BAC6



A4A693



544C4F



940036

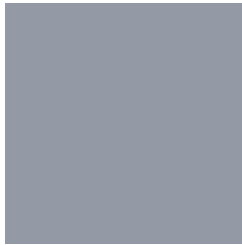


140008



# Previews

## White Background



This preview shows how the Hex color 939AA6 looks on a white background.

## Color Contrast Check

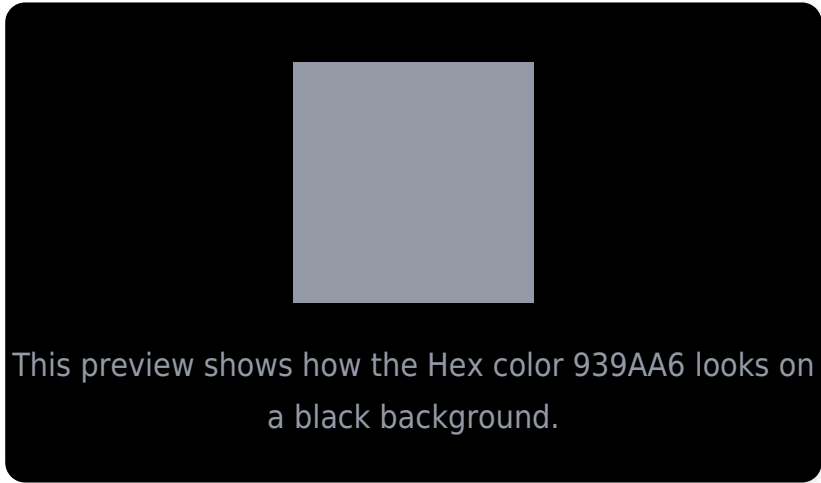
Large Text (above 18pt) WCAG AA × Fail

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

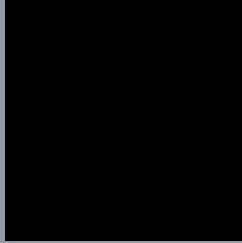
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 939AA6 Background



This preview shows how black text looks on a background with the Hex color 939AA6.



This preview shows how white text looks on a background with the Hex color 939AA6.

# 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**  
939AA6

**Protanopia**  
9998A5

**Deuteranopia**  
A295A7



**Tritanopia**  
939AA6

# Trichromacy



**Original Color**  
939AA6

**Protanomaly**  
9799A5

**Deuteranomaly**  
9D97A7

**Tritanomaly**  
939AA6

# Monochromacy



**Original Color**  
939AA6

**Achromatopsia**  
999999

**Achromatomaly**  
97999E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939AA6 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 #939AA6 looks like.

```
.text, #text, p{  
    color:#939AA6  
}
```

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 #939AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939AA6
}
```

## Border

The CSS property to change the border of an element to Hex 939AA6 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
#939AA6 }
```

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

```
.border{ border-color:#939AA6 }
```

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

Here you see how a box with a 4 pixel #939AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939AA6; -webkit-box-shadow:4px 4px  
4px 4px #939AA6; box-shadow:4px 4px 4px  
4px #939AA6 }
```

# Background

The CSS property to change the background color of an element to Hex 939AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939AA6 }
```

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

```
.background{ background-color:#939AA6 }
```

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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