

Converting Colors

Hex(939AA2)

Have a look what the booklet for
Hex(939AA2) contains.

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Color

Hex(939AA2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 939AA2 |
| RGB | 147, 154, 162 |
| RGB Percent | 58%, 60%, 64% |
| CMY | 0.4235, 0.3961, 0.3647 |
| CMYK | 0.09, 0.05, 0.00, 0.36 |
| HSL | 212°, 7%, 61% |
| HSV | 212°, 9%, 64% |
| XYZ | 30.1098, 31.9229, 38.7572 |
| YIQ | 152.8190, -6.7400, 1.0040 |

Conversions

Conversions Part 2

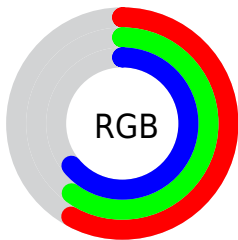
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 147, 152, 162 |
| Decimal | 9673378 |
| CIELab | 63.28, -0.87, -5.05 |
| CIELCh | 63, 5.127, 260.198 |
| Yxy | 31.9229, 0.2987, 0.3167 |
| Android (android.graphics.Color) | 4287863458 (0xFF939AA2) |
| YUV | 152.8190, 4.5262, -5.1033 |
| Hunter-Lab | 56.5003, -3.7505, -1.1206 |

Details

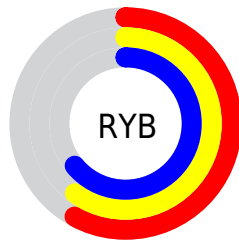
The Hex color **939AA2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A29B93**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C9D0D9**, and **60676E** is the 20% darker color. If you saturate the color by 10%, you get **8391A2**, and if you desaturate by 10%, it is **A3A3A2**.

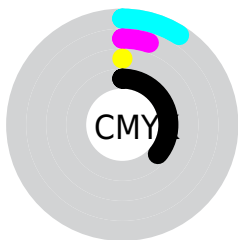
Distribution



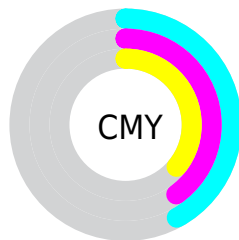
- Red (58%)
- Green (60%)
- Blue (64%)



- Red (58%)
- Yellow (60%)
- Blue (64%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939AA2 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 939AA2 by changing the saturation by 10% instead.



939AA2



939AA2

FFFFFF



798088



C9D0D9



60676E



E5EDF5



494F56



32383F



1D2329



040D15



000000



939AA2



939AA2



8391A2



A3A3A2

7389A2

B3ABA2

6280A2

C4B4A2

5277A2

D4BDA2

426FA2

E4C5A2

3266A2

F4CEA2

225EA2

FFD6A2

1155A2

FFDFA2

014CA2

FFE8A2

Harmonies

Analogous

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



8F9BA0



939AA2



9898A2

Triad

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



939AA2



A39696



949B93

Complementary

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



939AA2



A29B93

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.



9A9A91



939AA2



A29792

Square

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



939AA2



A2969B



9F9890



909C97

Rectangle

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



939AA2



9C98A0



9F9890



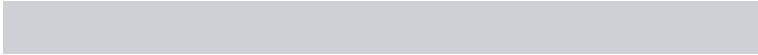
969B92

Sweetspot

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



939AA2



CDD0D4



93A29B



67696B



EBEBEB



6B6B6B

Same Dimension

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



939AA2



BCC7D4



9393A2



494D52



004491



000812

Inverse Universe

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



A2939A



D4BCC7



A2A293



52494D



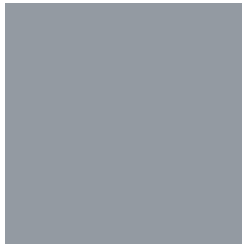
910044



120008

Previews

White Background



This preview shows how the Hex color 939AA2 looks on a white background.

Color Contrast Check

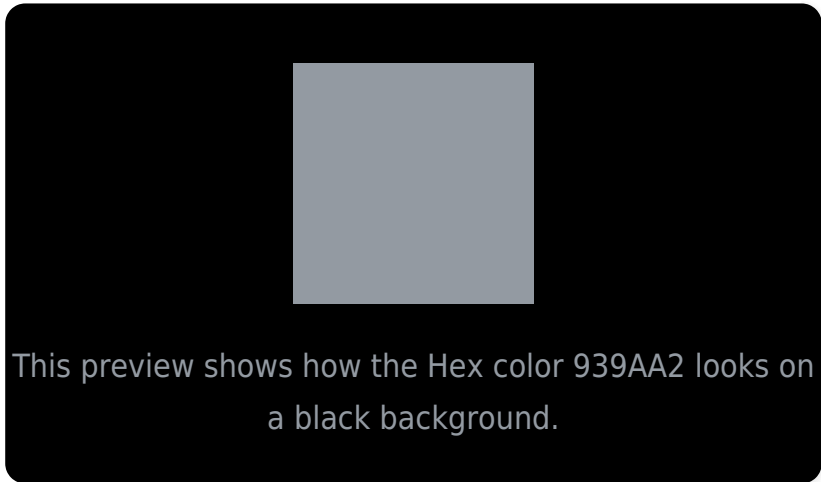
Large Text (above 18pt) WCAG AA × Fail

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

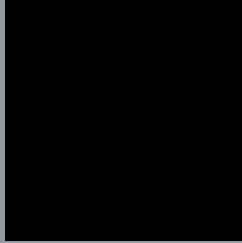
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

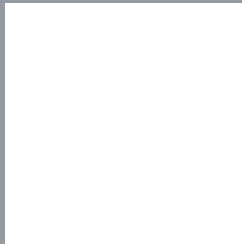
Any Text WCAG AAA ✓ Pass

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

Hex 939AA2 Background



This preview shows how black text looks on a background with the Hex color 939AA2.



This preview shows how white text looks on a background with the Hex color 939AA2.

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

939AA2

Protanopia

9998A1

Deuteranopia

A395A3



Tritanopia
9499A6

Trichromacy



Original Color
939AA2

Protanomaly
9799A1

Deuteranomaly
9D97A3

Tritanomaly
9499A5

Monochromacy



Original Color
939AA2

Achromatopsia
999999

Achromatomaly
97999C

CSS Examples

Text

The CSS property to change the color of the text to Hex 939AA2 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 #939AA2 looks like.

```
.text, #text, p{  
    color:#939AA2  
}
```

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 #939AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939AA2
}
```

Border

The CSS property to change the border of an element to Hex 939AA2 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
#939AA2 }
```

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

```
.border{ border-color:#939AA2 }
```

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

Here you see how a box with a 4 pixel #939AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939AA2; -webkit-box-shadow:4px 4px  
4px 4px #939AA2; box-shadow:4px 4px 4px  
4px #939AA2 }
```

Background

The CSS property to change the background color of an element to Hex 939AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939AA2 }
```

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

```
.background{ background-color:#939AA2 }
```

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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