

Converting Colors

Hex(939A89)

Have a look what the booklet for
Hex(939A89) contains.

Hex(939A89)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(939A89)

Conversions

Conversions Part 1

Format	Color
Hex	939A89
RGB	147, 154, 137
RGB Percent	58%, 60%, 54%
CMY	0.4235, 0.3961, 0.4627
CMYK	0.05, 0.00, 0.11, 0.40
HSL	85°, 8%, 57%
HSV	85°, 11%, 60%
XYZ	28.1036, 31.1204, 28.1925
YIQ	149.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

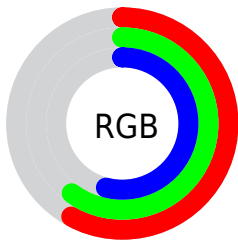
Format	Color
RYB	137, 154, 144
Decimal	9673353
CIELab	62.61, -5.73, 8.06
CIElCh	63, 9.888, 125.413
Yxy	31.1204, 0.3215, 0.3560
Android (android.graphics.Color)	4287863433 (0xFF939A89)
YUV	149.9690, -6.3937, -2.6038
Hunter-Lab	55.7857, -7.7005, 9.0864

Details

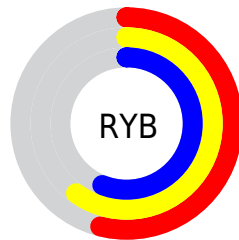
The Hex color **939A89** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **90899A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C9D0BE**, and **606757** is the 20% darker color. If you saturate the color by 10%, you get **8D9A7A**, and if you desaturate by 10%, it is **999A98**.

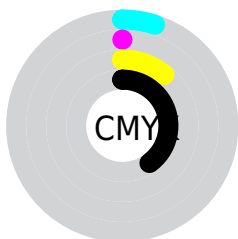
Distribution



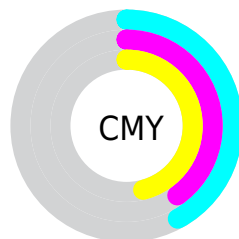
- Red (58%)
- Green (60%)
- Blue (54%)



- Red (54%)
- Yellow (60%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939A89 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 939A89 by changing the saturation by 10% instead.



939A89



939A89

FFFFFF



798070



C9D0BE



606757



E5EDDA



494F40



FFFFFF7



32382A



1D2315



000D00



000000



939A89



939A89



8D9A7A



999A98

869A6A

A09AA8

809A5B

A69AB7

7A9A4B

AC9AC7

739A3C

B39AD6

6D9A2D

B99AE5

679A1D

BF9AF5

609A0E

C69AFF

5B9A00

CC9AFF

Harmonies

Analogous

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



9D9786



939A89



899C90

Triad

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



939A89



879AA7



AA9196

Complementary

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



939A89



90899A

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.



A4929F



939A89



9098A9

Square

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



939A89



829CA1



9B95A6



AA928E

Rectangle

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



939A89



859D96



9B95A6



A99299

Sweetspot

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



939A89



C7C9C3



9A9089



646662



E6E6E6



666666

Same Dimension

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



939A89



BFC9AF



8B9A89



494D45



528C00



070D00

Inverse Universe

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



90899A



BAAFC9



98899A



48454D



3A008C



05000D

Previews

White Background



This preview shows how the Hex color 939A89 looks on a white background.

Color Contrast Check

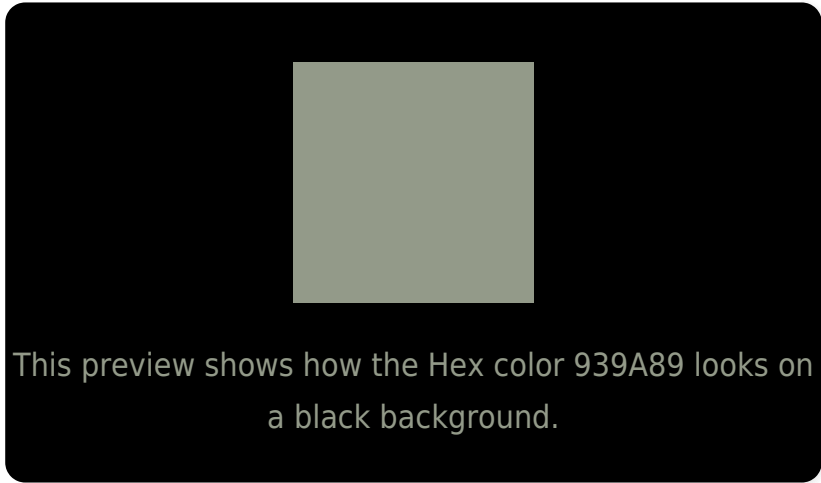
Large Text (above 18pt) WCAG AA × Fail

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

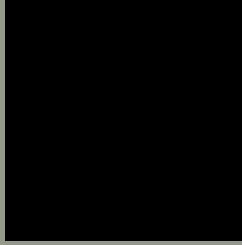
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

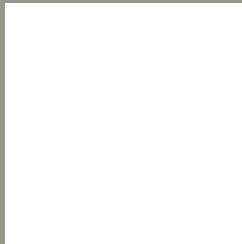
Any Text WCAG AAA ✓ Pass

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

Hex 939A89 Background



This preview shows how black text looks on a background with the Hex color 939A89.



This preview shows how white text looks on a background with the Hex color 939A89.

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
939A89

Protanopia
9E9787

Deuteranopia
AB928B



Tritanopia
9796A2

Trichromacy



Original Color
939A89

Protanomaly
9A9888

Deuteranomaly
A2958A

Tritanomaly
969799

Monochromacy



Original Color
939A89

Achromatopsia
969696

Achromatomaly
959791

CSS Examples

Text

The CSS property to change the color of the text to Hex 939A89 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 #939A89 looks like.

```
.text, #text, p{  
    color:#939A89  
}
```

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 #939A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939A89
}
```

Border

The CSS property to change the border of an element to Hex 939A89 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
#939A89 }
```

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

```
.border{ border-color:#939A89 }
```

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

Here you see how a box with a 4 pixel #939A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939A89; -webkit-box-shadow:4px 4px  
4px 4px #939A89; box-shadow:4px 4px 4px  
4px #939A89 }
```

Background

The CSS property to change the background color of an element to Hex 939A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939A89 }
```

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

```
.background{ background-color:#939A89 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor