

Converting Colors

Hex(939A85)

Have a look what the booklet for
Hex(939A85) contains.

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Color

Hex(939A85)

Conversions

Conversions Part 1

Format	Color
Hex	939A85
RGB	147, 154, 133
RGB Percent	58%, 60%, 52%
CMY	0.4235, 0.3961, 0.4784
CMYK	0.05, 0.00, 0.14, 0.40
HSL	80°, 9%, 56%
HSV	80°, 14%, 60%
XYZ	27.8219, 31.0077, 26.7090
YIQ	149.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

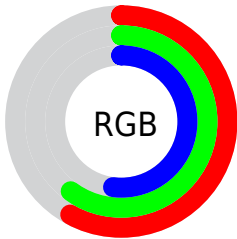
Format	Color
RYB	133, 154, 140
Decimal	9673349
CIELab	62.51, -6.44, 10.17
CIElCh	63, 12.038, 122.329
Yxy	31.0077, 0.3253, 0.3625
Android (android.graphics.Color)	4287863429 (0xFF939A85)
YUV	149.5130, -8.1409, -2.2039
Hunter-Lab	55.6846, -8.2634, 10.5408

Details

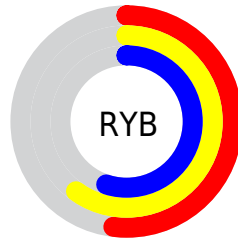
The Hex color **939A85** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8C859A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C9D0BA**, and **606753** is the 20% darker color. If you saturate the color by 10%, you get **8E9A76**, and if you desaturate by 10%, it is **989A94**.

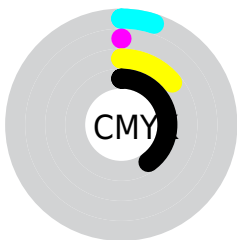
Distribution



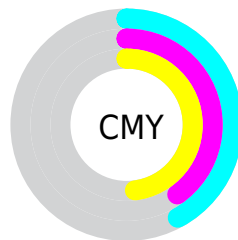
- Red (58%)
- Green (60%)
- Blue (52%)



- Red (52%)
- Yellow (60%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939A85 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 939A85 by changing the saturation by 10% instead.



939A85



939A85

FFFFFF



79806C



C9D0BA



606753



E5EDD6



494F3C



FFFFF2



323827



1D2312



000D00



000000



939A85



939A85



8E9A76



989A94

899A66

9D9AA4

849A57

A29AB3

7E9A47

A89AC3

799A38

AD9AD2

749A29

B29AE1

6F9A19

B79AF1

6A9A0A

BC9AFF

679A00

C19AFF

Harmonies

Analogous

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



9F9782



939A85



879C8D

Triad

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



939A85



819BAA



AD9097

Complementary

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



939A85



8C859A

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.



A691A1



939A85



8D98AC

Square

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



939A85



7C9DA2



9A94A9



AE918C

Rectangle

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



939A85



819D94



9A94A9



AB909A

Sweetspot

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



939A85



C7C9C1



9A8C85



646661



E6E6E6



666666

Same Dimension

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



939A85



BFC9A9



899A85



4A4D45



5D8C00



080D00

Inverse Universe

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



8C859A



B4A9C9



97859A



47454D



2F008C



04000D

Previews

White Background



This preview shows how the Hex color 939A85 looks on a white background.

Color Contrast Check

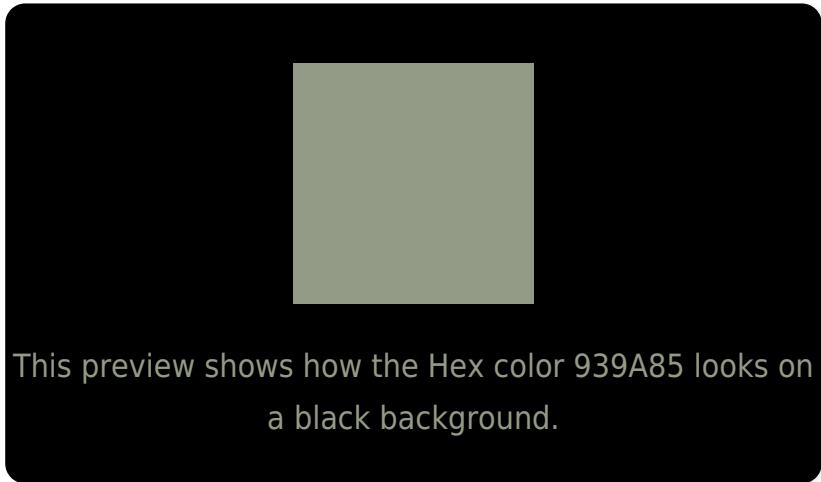
Large Text (above 18pt) WCAG AA × Fail

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

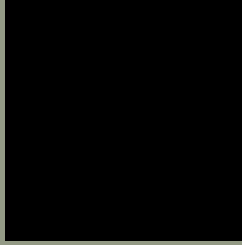
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

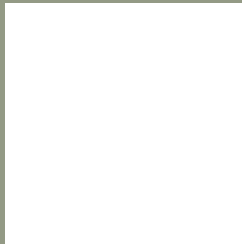
Any Text WCAG AAA ✓ Pass

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

Hex 939A85 Background



This preview shows how black text looks on a background with the Hex color 939A85.

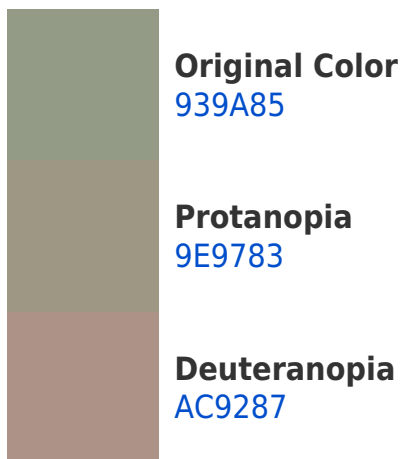


This preview shows how white text looks on a background with the Hex color 939A85.

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





Tritanopia
9796A2

Trichromacy



Original Color
939A85

Protanomaly
9A9884

Deuteranomaly
A39586

Tritanomaly
969797

Monochromacy



Original Color
939A85

Achromatopsia
969696

Achromatomaly
959790

CSS Examples

Text

The CSS property to change the color of the text to Hex 939A85 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 #939A85 looks like.

```
.text, #text, p{  
    color:#939A85  
}
```

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 #939A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939A85
}
```

Border

The CSS property to change the border of an element to Hex 939A85 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
#939A85 }
```

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

```
.border{ border-color:#939A85 }
```

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

Here you see how a box with a 4 pixel #939A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939A85; -webkit-box-shadow:4px 4px  
4px 4px #939A85; box-shadow:4px 4px 4px  
4px #939A85 }
```

Background

The CSS property to change the background color of an element to Hex 939A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939A85 }
```

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

```
.background{ background-color:#939A85 }
```

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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