

Converting Colors

Hex(949E8D)

Have a look what the booklet for
Hex(949E8D) contains.

Hex(949E8D)	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(949E8D)

Conversions

Conversions Part 1

Format	Color
Hex	949E8D
RGB	148, 158, 141
RGB Percent	58%, 62%, 55%
CMY	0.4196, 0.3804, 0.4471
CMYK	0.06, 0.00, 0.11, 0.38
HSL	95°, 8%, 59%
HSV	95°, 11%, 62%
XYZ	29.2473, 32.6727, 29.9643
YIQ	153.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

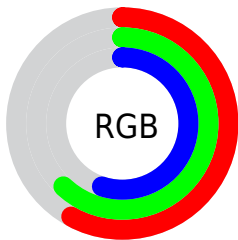
Format	Color
RYB	141, 158, 151
Decimal	9739917
CIELab	63.90, -6.81, 7.66
CIELCh	64, 10.252, 131.655
Yxy	32.6727, 0.3183, 0.3556
Android (android.graphics.Color)	4287929997 (0xFF949E8D)
YUV	153.0720, -5.9515, -4.4481
Hunter-Lab	57.1600, -8.6962, 8.9312

Details

The Hex color **949E8D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **978D9E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CAD5C3**, and **616B5B** is the 20% darker color. If you saturate the color by 10%, you get **8B9E7D**, and if you desaturate by 10%, it is **9D9E9D**.

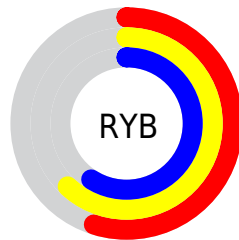
Distribution



Red (58%)

Green (62%)

Blue (55%)



Red (55%)

Yellow (62%)

Blue (59%)

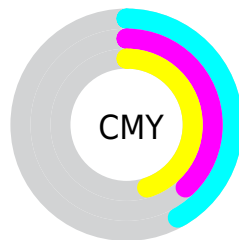


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949E8D 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 949E8D by changing the saturation by 10% instead.



949E8D



949E8D

FFFFFF



7A8473



CAD5C3



616B5B



E6F1DF



4A5343



FFFFFFB



333B2D



1E2619



041100



000000



949E8D



949E8D



8B9E7D



9D9E9D

819E6D

A79EAD

789E5E

B09EBC

6F9E4E

B99ECC

669E3E

C29EDC

5C9E2E

CC9EEC

539E1E

D59EFC

4A9E0F

DE9EFF

419E00

E89EFF

Harmonies

Analogous

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



9F9B89



949E8D



8AA095

Triad

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



949E8D



8B9DAC



AE9597

Complementary

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



949E8D



978D9E

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.



AA95A1



949E8D



969AAD

Square

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



949E8D



859FA7



A197A8



AD968F

Rectangle

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



949E8D



86A09B



A197A8



AD959B

Sweetspot

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



949E8D



CBCFC8



9E978D



666964



E8E8E8



696969

Same Dimension

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



949E8D



BFCFB4



8D9E8E



4A4F47



3B8F00



060F00

Inverse Universe

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



978D9E



C3B4CF



9E8D9D



4C474F



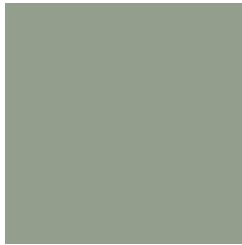
54008F



09000F

Previews

White Background



This preview shows how the Hex color 949E8D looks on a white background.

Color Contrast Check

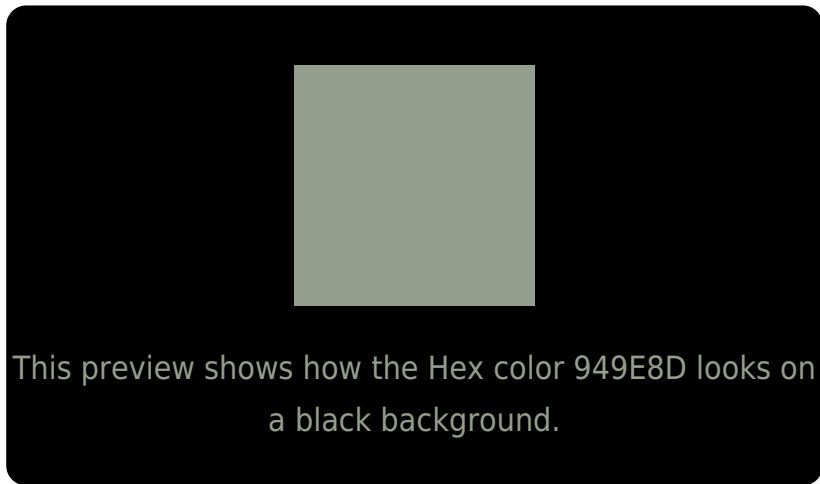
Large Text (above 18pt) WCAG AA × Fail

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

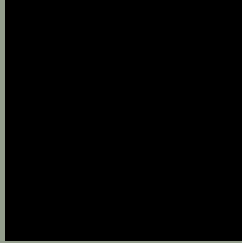
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

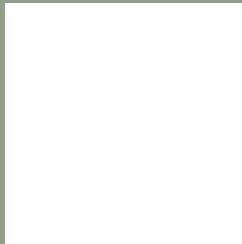
Any Text WCAG AAA ✓ Pass

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

Hex 949E8D Background



This preview shows how black text looks on a background with the Hex color 949E8D.

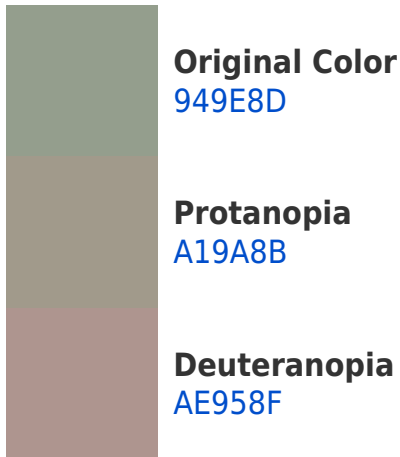


This preview shows how white text looks on a background with the Hex color 949E8D.

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
989AA7

Trichromacy



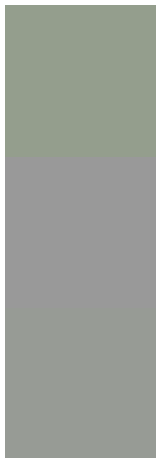
Original Color
949E8D

Protanomaly
9C9B8C

Deuteranomaly
A5988E

Tritanomaly
979B9E

Monochromacy



Original Color
949E8D

Achromatopsia
999999

Achromatomaly
979B95

CSS Examples

Text

The CSS property to change the color of the text to Hex 949E8D 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 #949E8D looks like.

```
.text, #text, p{  
    color:#949E8D  
}
```

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 #949E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949E8D
}
```

Border

The CSS property to change the border of an element to Hex 949E8D 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
#949E8D }
```

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

```
.border{ border-color:#949E8D }
```

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

Here you see how a box with a 4 pixel #949E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949E8D; -webkit-box-shadow:4px 4px  
4px 4px #949E8D; box-shadow:4px 4px 4px  
4px #949E8D }
```

Background

The CSS property to change the background color of an element to Hex 949E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949E8D }
```

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

```
.background{ background-color:#949E8D }
```

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