

# Converting Colors

Hex(949E89)

Have a look what the booklet for  
Hex(949E89) contains.

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# **Color**

**Hex(949E89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949E89
RGB	148, 158, 137
RGB Percent	58%, 62%, 54%
CMY	0.4196, 0.3804, 0.4627
CMYK	0.06, 0.00, 0.13, 0.38
HSL	89°, 10%, 58%
HSV	89°, 13%, 62%
XYZ	28.9550, 32.5558, 28.4247
YIQ	152.6160, 0.7810, -8.6510

# Conversions

## Conversions Part 2

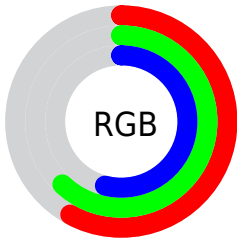
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 158, 147
Decimal	9739913
CIELab	63.80, -7.53, 9.76
CIElCh	64, 12.330, 127.647
Yxy	32.5558, 0.3220, 0.3620
Android (android.graphics.Color)	4287929993 (0xFF949E89)
YUV	152.6160, -7.6987, -4.0482
Hunter-Lab	57.0577, -9.2678, 10.4036

# Details

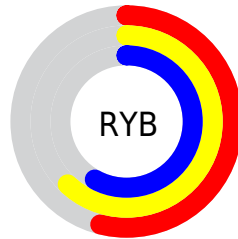
The Hex color **949E89** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **93899E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CAD5BE**, and **616B57** is the 20% darker color. If you saturate the color by 10%, you get **8C9E79**, and if you desaturate by 10%, it is **9C9E99**.

# Distribution



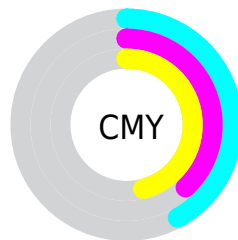
- Red (58%)
- Green (62%)
- Blue (54%)



- Red (54%)
- Yellow (62%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949E89 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 949E89 by changing the saturation by 10% instead.





949E89



949E89

FFFFFF



7A8470



CAD5BE



616B57



E6F1DA



495340



FFFFFF7



333B2A



1D2615



021100



000000



949E89



949E89



8C9E79



9C9E99

859E69

A39EA9

7D9E5A

AB9EB8

769E4A

B29EC8

6E9E3A

BA9ED8

679E2A

C19EE8

5F9E1A

C99EF8

589E0B

D09EFF

539E00

D89EFF

# Harmonies

## Analogous

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



A19B85



949E89



88A092

# Triad

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



949E89



869EAE



B29398

# Complementary

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



949E89



93899E

# 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.



AC94A3



949E89



929BB0

# Square

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



949E89



7FA0A8



A097AC



B1948E

# Rectangle

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



949E89



82A199



A097AC



B0939C



# Sweetspot

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



949E89



CBCFC6



9E9389



666963



E8E8E8



696969



# Same Dimension

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



949E89



BFCFAE



8A9E89



4B4F47



4B8F00



080F00



# Inverse Universe

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



93899E



BDAECF



9D899E



4B474F



44008F



07000F



# Previews

## White Background



This preview shows how the Hex color 949E89 looks on a white background.

## Color Contrast Check

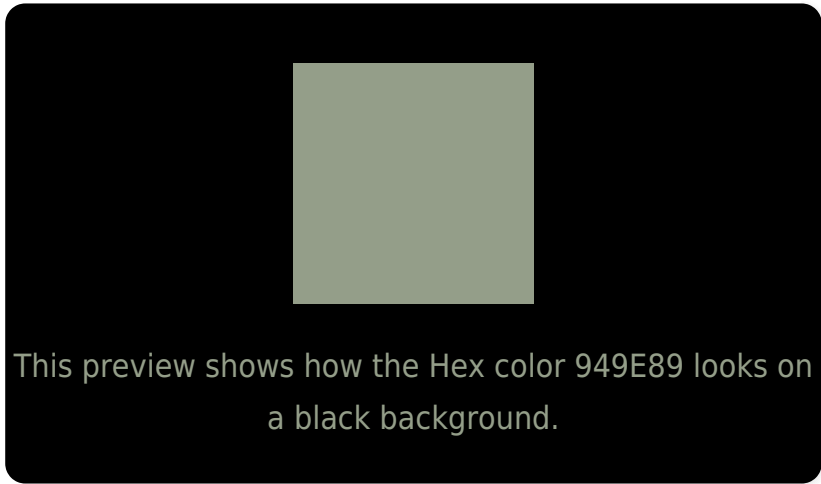
Large Text (above 18pt) WCAG AA × Fail

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

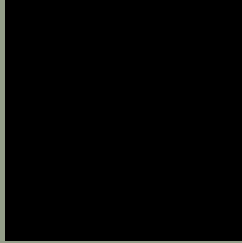
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

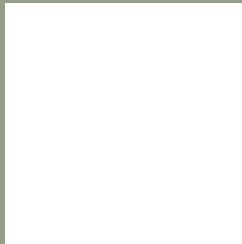
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 949E89 Background



This preview shows how black text looks on a background with the Hex color 949E89.

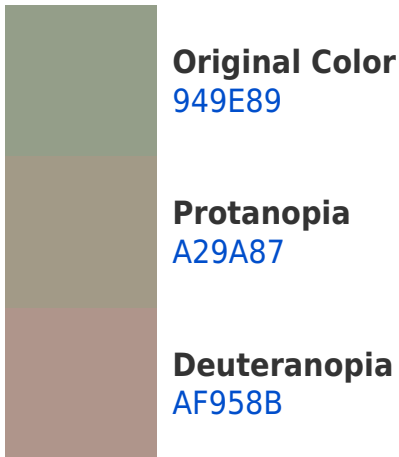



This preview shows how white text looks on a background with the Hex color 949E89.

# 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**  
989AA6

# Trichromacy



**Original Color**  
949E89

**Protanomaly**  
9D9B88

**Deuteranomaly**  
A5988A

**Tritanomaly**  
979B9B

# Monochromacy



**Original Color**  
949E89

**Achromatopsia**  
999999

**Achromatomaly**  
979B93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949E89 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 #949E89 looks like.

```
.text, #text, p{  
    color:#949E89  
}
```

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 #949E89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949E89
}
```

## Border

The CSS property to change the border of an element to Hex 949E89 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
#949E89 }
```

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

```
.border{ border-color:#949E89 }
```

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

Here you see how a box with a 4 pixel #949E89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949E89; -webkit-box-shadow:4px 4px  
4px 4px #949E89; box-shadow:4px 4px 4px  
4px #949E89 }
```

# Background

The CSS property to change the background color of an element to Hex 949E89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949E89 }
```

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

```
.background{ background-color:#949E89 }
```

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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