

# Converting Colors

Hex(959E9C)

Have a look what the booklet for  
Hex(959E9C) contains.

<b>Hex(959E9C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(959E9C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	959E9C
RGB	149, 158, 156
RGB Percent	58%, 62%, 61%
CMY	0.4157, 0.3804, 0.3882
CMYK	0.06, 0.00, 0.01, 0.38
HSL	167°, 4%, 60%
HSV	167°, 6%, 62%
XYZ	30.6220, 33.2436, 36.2552
YIQ	155.0810, -4.7220, -2.5300

# Conversions

## Conversions Part 2

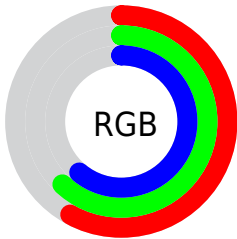
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 154, 158
Decimal	9805468
CIELab	64.36, -3.60, -0.07
CIELCh	64, 3.601, 181.189
Yxy	33.2436, 0.3059, 0.3320
Android (android.graphics.Color)	4287995548 (0xFF959E9C)
YUV	155.0810, 0.4531, -5.3330
Hunter-Lab	57.6572, -6.0980, 3.0782

# Details

The Hex color **959E9C** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9E9597**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CBD5D2**, and **626B69** is the 20% darker color. If you saturate the color by 10%, you get **859E98**, and if you desaturate by 10%, it is **A59EA0**.

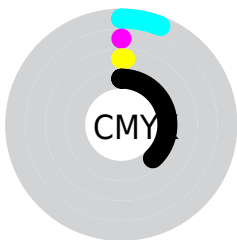
# Distribution



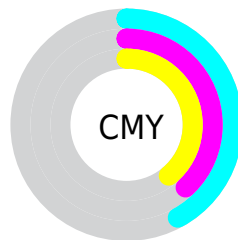
- Red (58%)
- Green (62%)
- Blue (61%)



- Red (58%)
- Yellow (60%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959E9C 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 959E9C by changing the saturation by 10% instead.





959E9C



959E9C

FFFFFF



7B8482



CBD5D2



626B69



E7F1EF



4A5351



343C3A



1F2624



06110F



000000



959E9C



959E9C



859E98



A59EA0

759E95

B59EA3

669E91

C49EA7

569E8E

D49EAA

469E8A

E49EAE

369E87

F49EB1

269E83

FF9EB5

179E80

FF9EB8

079E7C

FF9EBC

# Harmonies

## Analogous

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



979E99



959E9C



949E9F

# Triad

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



959E9C



9D9BA1



A29B96

# Complementary

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



959E9C



9E9597

# 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.



A39A99



959E9C



A09A9F

# Square

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



959E9C



999CA2



A39A9C



9F9C96

# Rectangle

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



959E9C



959DA1



A39A9C



A29B97



# Sweetspot

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



959E9C



CACFCE



979E95



666968



E8E8E8



696969



# Same Dimension

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



959E9C



C0CFCB



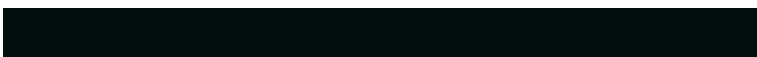
959C9E



494F4E



008F6F



000F0C



# Inverse Universe

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



9E9597



CFC0C3



9E9795



4F494A



8F0020

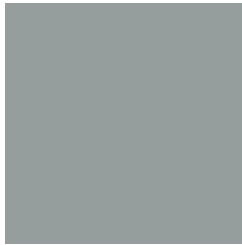


0F0003



# Previews

## White Background



This preview shows how the Hex color 959E9C looks on a white background.

## Color Contrast Check

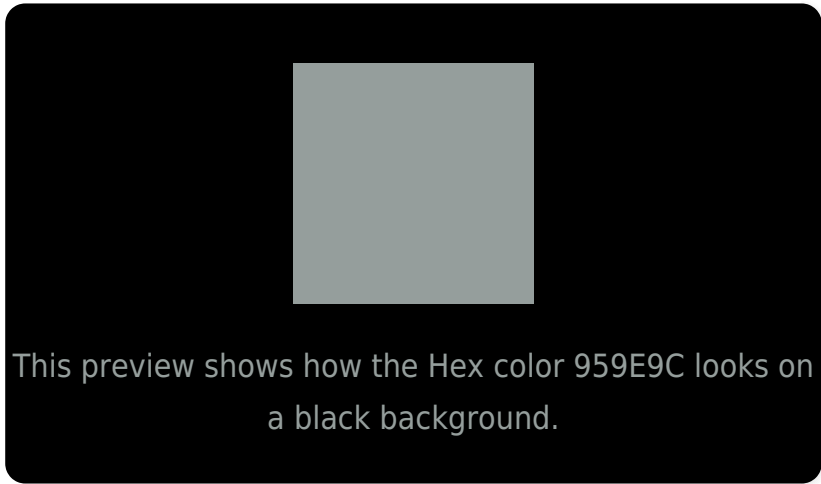
Large Text (above 18pt) WCAG AA × Fail

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

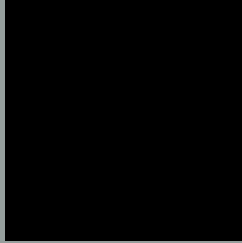
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

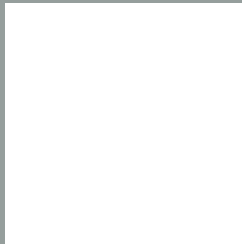
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 959E9C Background



This preview shows how black text looks on a background with the Hex color 959E9C.

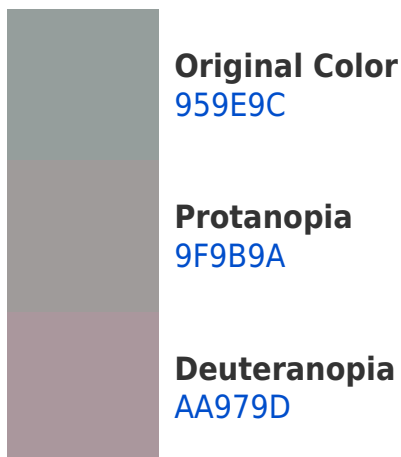


This preview shows how white text looks on a background with the Hex color 959E9C.

# 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](#).

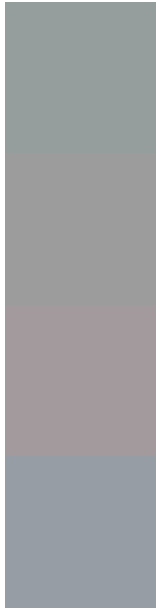
## Dichromacy





**Tritanopia**  
979CA8

# Trichromacy



**Original Color**  
959E9C

**Protanomaly**  
9B9C9B

**Deuteranomaly**  
A29A9D

**Tritanomaly**  
969DA4

# Monochromacy



**Original Color**  
959E9C

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
999C9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959E9C 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 #959E9C looks like.

```
.text, #text, p{  
    color:#959E9C  
}
```

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 #959E9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959E9C
}
```

## Border

The CSS property to change the border of an element to Hex 959E9C 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
#959E9C }
```

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

```
.border{ border-color:#959E9C }
```

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

Here you see how a box with a 4 pixel #959E9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959E9C; -webkit-box-shadow:4px 4px  
4px 4px #959E9C; box-shadow:4px 4px 4px  
4px #959E9C }
```

# Background

The CSS property to change the background color of an element to Hex 959E9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959E9C }
```

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

```
.background{ background-color:#959E9C }
```

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