

# Converting Colors

Hex(949A9E)

Have a look what the booklet for  
Hex(949A9E) contains.

<b>Hex(949A9E)</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(949A9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949A9E
RGB	148, 154, 158
RGB Percent	58%, 60%, 62%
CMY	0.4196, 0.3961, 0.3804
CMYK	0.06, 0.03, 0.00, 0.38
HSL	204°, 5%, 60%
HSV	204°, 6%, 62%
XYZ	29.9399, 31.8757, 36.9224
YIQ	152.6620, -4.8600, -0.0280

# Conversions

## Conversions Part 2

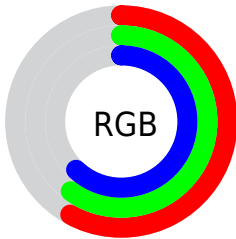
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 152, 158
Decimal	9738910
CIELab	63.24, -1.35, -2.85
CIELCh	63, 3.149, 244.679
Yxy	31.8757, 0.3032, 0.3228
Android (android.graphics.Color)	4287928990 (0xFF949A9E)
YUV	152.6620, 2.6316, -4.0886
Hunter-Lab	56.4586, -4.1443, 0.7470

# Details

The Hex color **949A9E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9E9894**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CAD0D5**, and **61676B** is the 20% darker color. If you saturate the color by 10%, you get **84949E**, and if you desaturate by 10%, it is **A4A09E**.

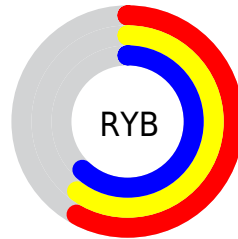
# Distribution



Red (58%)

Green (60%)

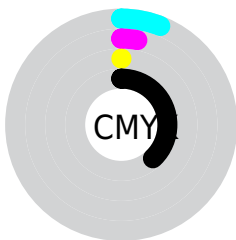
Blue (62%)



Red (58%)

Yellow (60%)

Blue (62%)

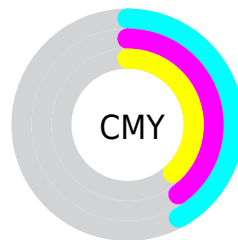


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (40%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949A9E 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 949A9E by changing the saturation by 10% instead.



■ 949A9E

■ 949A9E

FFFFFF

■ 7A8084

■ CAD0D5

■ 61676B

■ E6EDF1

■ 4A4F53

■ 33383C

■ 1E2326

■ 050D11

■ 000000

■ 949A9E

■ 949A9E

■ 84949E

■ A4A09E

748D9E

B4A79E

65879E

C3AD9E

55819E

D3B39E

457A9E

E3BA9E

35749E

F3C09E

256E9E

FFC69E

16679E

FFCD9E

06619E

FFD39E

# Harmonies

## Analogous

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



939B9C



949A9E



97999F

# Triad

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



949A9E



9F9799



989A94

# Complementary

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



949A9E



9E9894

# 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.



9B9994



949A9E



9F9796

# Square

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



949A9E



9D989B



9E9894



959B97

# Rectangle

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



949A9E



99999E



9E9894



999A94



# Sweetspot

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



949A9E



CACDCF



949E98



666869



E8E8E8



696969



# Same Dimension

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



949A9E



BEC8CF



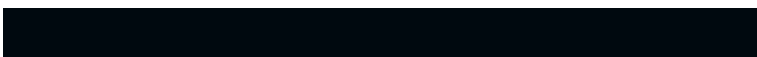
94959E



474C4F



00568F



00090F



# Inverse Universe

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



9E949A



CFBEC8



9E9D94



4F474C



8F0056



0F0009



# Previews

## White Background



This preview shows how the Hex color 949A9E looks on a white background.

## Color Contrast Check

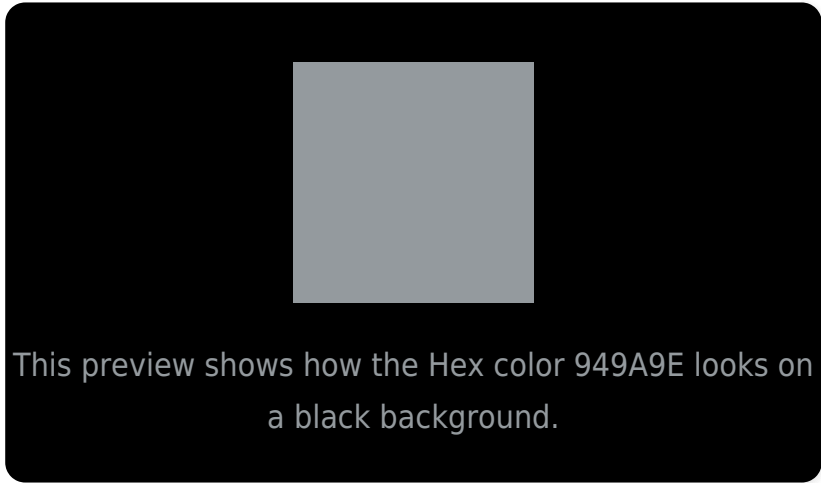
Large Text (above 18pt) WCAG AA × Fail

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

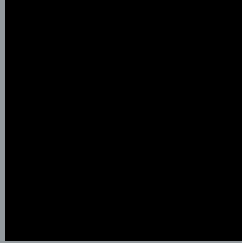
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

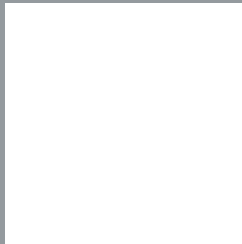
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 949A9E Background



This preview shows how black text looks on a background with the Hex color 949A9E.



This preview shows how white text looks on a background with the Hex color 949A9E.

# 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**  
949A9E

**Protanopia**  
9A989D

**Deuteranopia**  
A5949F



**Tritanopia**  
9599A5

# Trichromacy



**Original Color**  
949A9E

**Protanomaly**  
98999D

**Deuteranomaly**  
9F969F

**Tritanomaly**  
9599A2

# Monochromacy



**Original Color**  
949A9E

**Achromatopsia**  
999999

**Achromatomaly**  
97999B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949A9E 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 #949A9E looks like.

```
.text, #text, p{  
    color:#949A9E  
}
```

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 #949A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949A9E
}
```

## Border

The CSS property to change the border of an element to Hex 949A9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

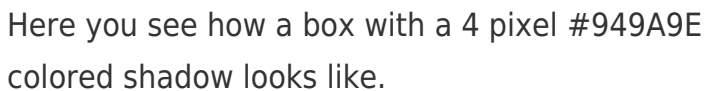
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#949A9E }
```

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

```
.border{ border-color:#949A9E }
```

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



Here you see how a box with a 4 pixel #949A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949A9E; -webkit-box-shadow:4px 4px  
4px 4px #949A9E; box-shadow:4px 4px 4px  
4px #949A9E }
```

# Background

The CSS property to change the background color of an element to Hex 949A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949A9E }
```

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

```
.background{ background-color:#949A9E }
```

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