

# Converting Colors

Hex(9A958E)

Have a look what the booklet for  
Hex(9A958E) contains.

<b>Hex(9A958E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9A958E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A958E
RGB	154, 149, 142
RGB Percent	60%, 58%, 56%
CMY	0.3961, 0.4157, 0.4431
CMYK	0.00, 0.03, 0.08, 0.40
HSL	35°, 6%, 58%
HSV	35°, 8%, 60%
XYZ	28.9564, 30.3179, 29.9170
YIQ	149.6970, 5.2270, -1.1170

# Conversions

## Conversions Part 2

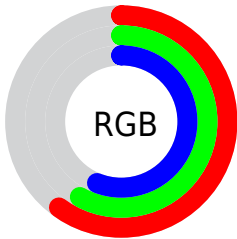
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 154, 142
Decimal	10130830
CIELab	61.93, 0.54, 4.34
CIELCh	62, 4.370, 82.856
Yxy	30.3179, 0.3247, 0.3399
Android (android.graphics.Color)	4288320910 (0xFF9A958E)
YUV	149.6970, -3.7946, 3.7737
Hunter-Lab	55.0617, -2.4867, 6.3288

# Details

The Hex color **9A958E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E939A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D0CBC4**, and **67625C** is the 20% darker color. If you saturate the color by 10%, you get **9A8F7F**, and if you desaturate by 10%, it is **9A9B9D**.

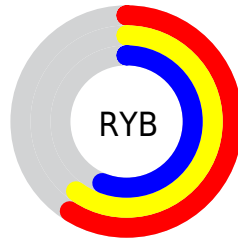
# Distribution



Red (60%)

Green (58%)

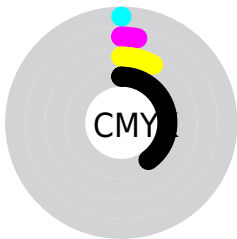
Blue (56%)



Red (59%)

Yellow (60%)

Blue (56%)

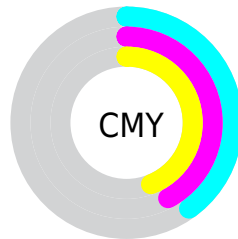


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A958E 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 9A958E by changing the saturation by 10% instead.





9A958E



9A958E

FFFFFF



807B74



D0CBC4



67625C



EDE7E0



4F4B44

FFFFFF



38342E



231F19



0C0600



000000



9A958E



9A958E



9A8F7F



9A9B9D

 9A886F

 9AA2AD

 9A8260

 9AA8BC

 9A7B50

 9AAFCC

 9A7541

 9AB5DB

 9A6F32

 9ABBEA

 9A6822

 9AC2FA

 9A6213

 9AC8FF

 9A5B03

 9ACFFF

# Harmonies

## Analogous

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



9D9490



9A958E



96968E

# Triad

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



9A958E



8C9898



9A949A

# Complementary

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



9A958E



8E939A

# 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.



95959D



9A958E



8D979C

# Square

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



9A958E



8E9894



91969D



9D9397

# Rectangle

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



9A958E



939790



91969D



98949B



# Sweetspot

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



9A958E



C9C8C5



9A8E93



666564



E6E6E6



666666



# Same Dimension

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



9A958E



C9C2B7



999A8E



4D4945



8C5200



0D0700



# Inverse Universe

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



8E939A



B7BFC9



8F8E9A



45484D



003A8C



00050D



# Previews

## White Background



This preview shows how the Hex color 9A958E looks on a white background.

## Color Contrast Check

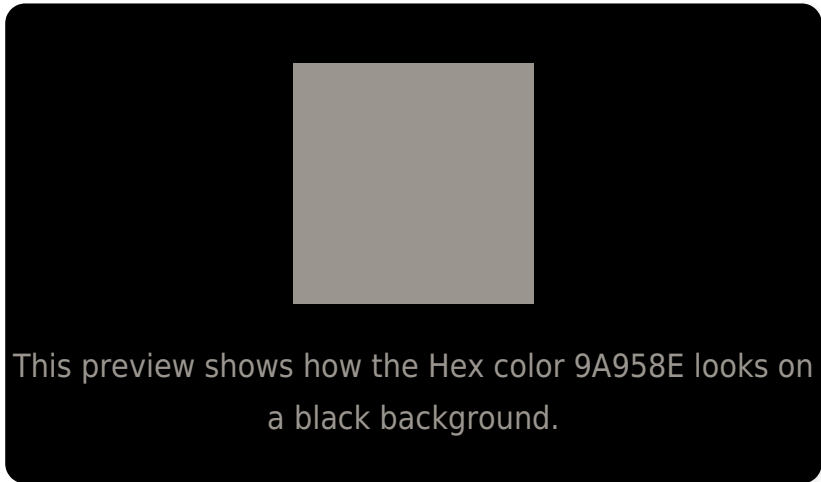
Large Text (above 18pt) WCAG AA × Fail

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

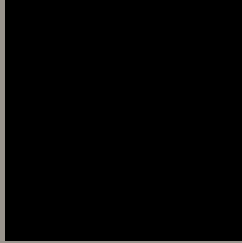
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9A958E Background



This preview shows how black text looks on a background with the Hex color 9A958E.



This preview shows how white text looks on a background with the Hex color 9A958E.

# 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**  
9A958E

**Protanopia**  
9A958E

**Deuteranopia**  
A7918F



**Tritanopia**  
9C939E

# Trichromacy



**Original Color**

9A958E

**Protanomaly**

9A958E

**Deuteranomaly**

A2928F

**Tritanomaly**

9B9498

# Monochromacy



**Original Color**

9A958E

**Achromatopsia**

969696

**Achromatomaly**

979693

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A958E 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 #9A958E looks like.

```
.text, #text, p{  
    color:#9A958E  
}
```

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 #9A958E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A958E
}
```

## Border

The CSS property to change the border of an element to Hex 9A958E is called "border". The border property can be set on classes, ids or directly on the HTML element.

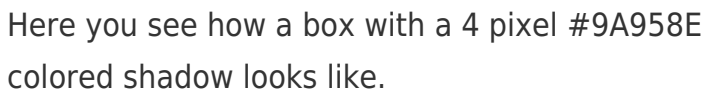
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A958E }
```

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

```
.border{ border-color:#9A958E }
```

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



Here you see how a box with a 4 pixel #9A958E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A958E; -webkit-box-shadow:4px 4px  
4px 4px #9A958E; box-shadow:4px 4px 4px  
4px #9A958E }
```

# Background

The CSS property to change the background color of an element to Hex 9A958E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A958E }
```

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

```
.background{ background-color:#9A958E }
```

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