

# Converting Colors

Hex(929A82)

Have a look what the booklet for  
Hex(929A82) contains.

<b>Hex(929A82)</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(929A82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	929A82
RGB	146, 154, 130
RGB Percent	57%, 60%, 51%
CMY	0.4275, 0.3961, 0.4902
CMYK	0.05, 0.00, 0.16, 0.40
HSL	80°, 11%, 56%
HSV	80°, 16%, 60%
XYZ	27.4389, 30.8339, 25.6244
YIQ	148.8720, 2.9360, -9.1600

# Conversions

## Conversions Part 2

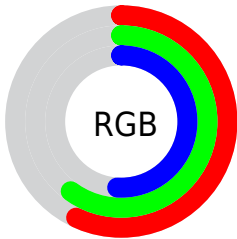
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 154, 138
Decimal	9607810
CIELab	62.37, -7.33, 11.64
CIELCh	62, 13.755, 122.222
Yxy	30.8339, 0.3271, 0.3675
Android (android.graphics.Color)	4287797890 (0xFF929A82)
YUV	148.8720, -9.3039, -2.5187
Hunter-Lab	55.5283, -8.9699, 11.5094

# Details

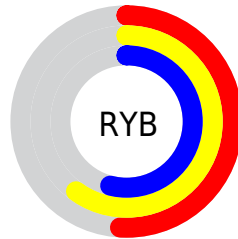
The Hex color **929A82** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A829A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C8D0B7**, and **5F6751** is the 20% darker color. If you saturate the color by 10%, you get **8D9A73**, and if you desaturate by 10%, it is **979A91**.

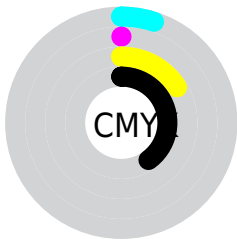
# Distribution



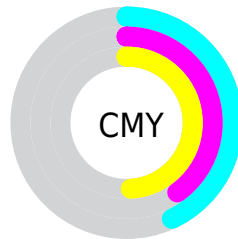
- Red (57%)
- Green (60%)
- Blue (51%)



- Red (51%)
- Yellow (60%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (43%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 929A82 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 929A82 by changing the saturation by 10% instead.





929A82



929A82

FFFFFF



788069



C8D0B7



5F6751



E4EDD3



484F3A



FFFFEf



313824



1C230F



000E00



000000



929A82



929A82



8D9A73



979A91

889A63

9C9AA1

839A54

A19AB0

7D9A44

A79AC0

789A35

AC9ACF

739A26

B19ADE

6E9A16

B69AEE

699A07

BB9AFD

679A00

C09AFF

# Harmonies

## Analogous

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



A0967F



929A82



849D8B

# Triad

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



929A82



7D9BAC



AF8E96

# Complementary

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



929A82



8A829A

# 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.



A890A2



929A82



8B97AF

# Square

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



929A82



779DA3



9A93AB



B08F8A

# Rectangle

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



929A82



7D9E93



9A93AB



AE8F9A



# Sweetspot

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



929A82



C6C9BF



9A8A82



646660



E6E6E6



666666



# Same Dimension

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



929A82



BDC9A3



869A82



4A4D45



5E8C00



080D00



# Inverse Universe

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



8A829A



B0A3C9



96829A



47454D



2F008C



04000D



# Previews

## White Background



This preview shows how the Hex color 929A82 looks on a white background.

## Color Contrast Check

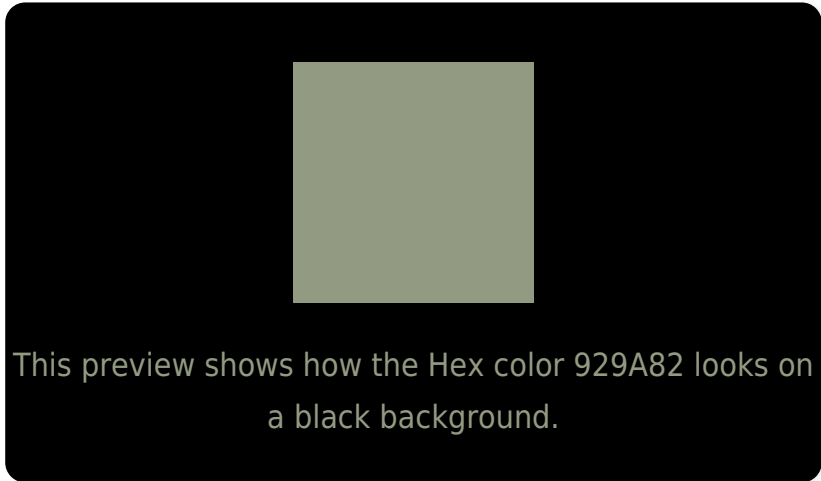
Large Text (above 18pt) WCAG AA × Fail

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

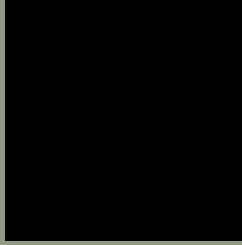
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

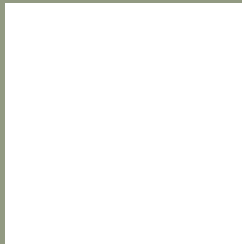
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 929A82 Background



This preview shows how black text looks on a background with the Hex color 929A82.

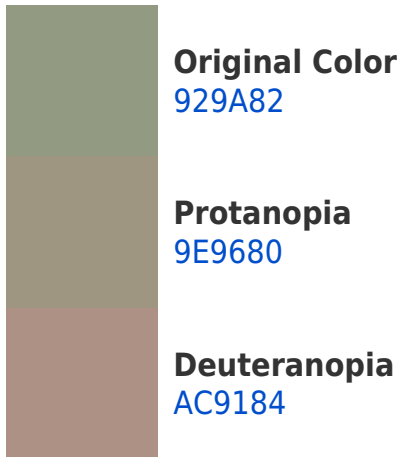



This preview shows how white text looks on a background with the Hex color 929A82.

# 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**  
9796A1

# Trichromacy



**Original Color**  
929A82

**Protanomaly**  
9A9781

**Deuteranomaly**  
A39483

**Tritanomaly**  
959796

# Monochromacy



**Original Color**  
929A82

**Achromatopsia**  
959595

**Achromatomaly**  
94978E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 929A82 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 #929A82 looks like.

```
.text, #text, p{  
    color:#929A82  
}
```

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 #929A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #929A82
}
```

## Border

The CSS property to change the border of an element to Hex 929A82 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
#929A82 }
```

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

```
.border{ border-color:#929A82 }
```

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

Here you see how a box with a 4 pixel #929A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #929A82; -webkit-box-shadow:4px 4px  
4px 4px #929A82; box-shadow:4px 4px 4px  
4px #929A82 }
```

# Background

The CSS property to change the background color of an element to Hex 929A82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#929A82 }
```

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

```
.background{ background-color:#929A82 }
```

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