

# Converting Colors

Hex(928E94)

Have a look what the booklet for  
Hex(928E94) contains.

<b>Hex(928E94)</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(928E94)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	928E94
RGB	146, 142, 148
RGB Percent	57%, 56%, 58%
CMY	0.4275, 0.4431, 0.4196
CMYK	0.01, 0.04, 0.00, 0.42
HSL	280°, 3%, 57%
HSV	280°, 4%, 58%
XYZ	26.8724, 27.5951, 31.9270
YIQ	143.8800, 0.4580, 2.7140

# Conversions

## Conversions Part 2

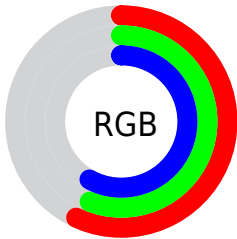
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 142, 148
Decimal	9604756
CIELab	59.52, 2.64, -2.66
CIElCh	60, 3.751, 314.795
Yxy	27.5951, 0.3110, 0.3194
Android (android.graphics.Color)	4287794836 (0xFF928E94)
YUV	143.8800, 2.0312, 1.8592
Hunter-Lab	52.5311, -0.6173, 0.7368

# Details

The Hex color **928E94** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **90948E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C8C4CA**, and **605C61** is the 20% darker color. If you saturate the color by 10%, you get **8D7F94**, and if you desaturate by 10%, it is **979D94**.

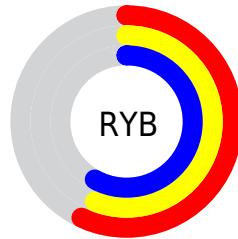
# Distribution



Red (57%)

Green (56%)

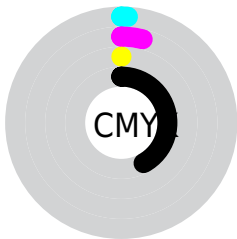
Blue (58%)



Red (57%)

Yellow (56%)

Blue (58%)

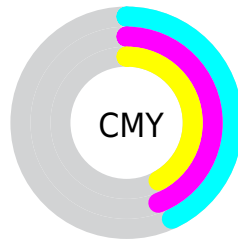


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (44%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 928E94 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 928E94 by changing the saturation by 10% instead.





928E94



928E94

FFFFFF



78747A



C8C4CA



605C61



E4E0E6



48444A



FFFCFF



312E33



1D191E



000004



000000



928E94



928E94



8D7F94



979D94

887094

9CAC94

836294

A1BA94

7E5394

A6C994

794494

ABD894

743594

B0E794

6F2694

B5F694

6B1894

B9FF94

660994

BEFF94

# Harmonies

## Analogous

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



8E8F96



928E94



958D91

# Triad

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



928E94



948F89



889191

# Complementary

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



928E94



90948E

# 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.



89918D



928E94



909089

# Square

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



928E94



968E8B



8D918B



889194

# Rectangle

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



928E94



968D8F



8D918B



889190



# Sweetspot

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



928E94



BFBDBF



8E9094



616061



E0E0E0



616161



# Same Dimension

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



928E94



BCB6BF



948E93



48464A



5C008A



07000A



# Inverse Universe

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



948E90



BFB6B9



8E948F



4A4647



8A002E



0A0003



# Previews

## White Background



This preview shows how the Hex color 928E94 looks on a white background.

## Color Contrast Check

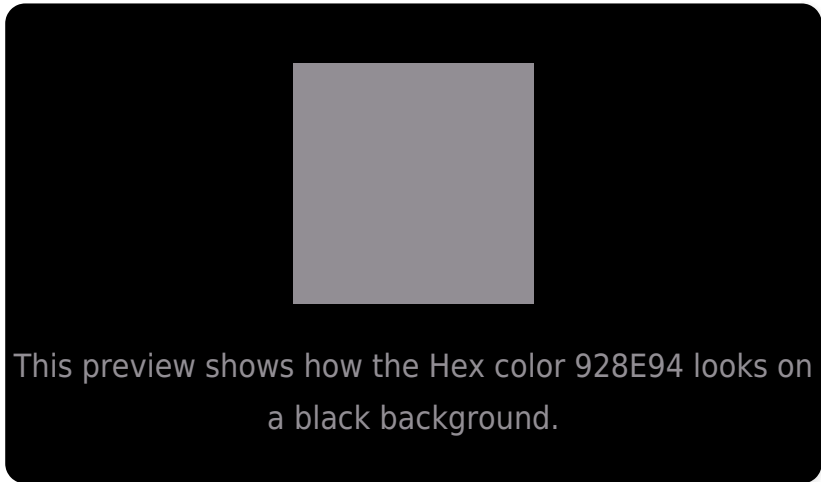
Large Text (above 18pt) WCAG AA ✓ Pass

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

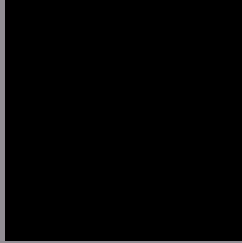
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

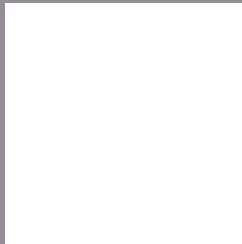
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 928E94 Background



This preview shows how black text looks on a background with the Hex color 928E94.



This preview shows how white text looks on a background with the Hex color 928E94.

# 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**

928E94

**Protanopia**

908E94

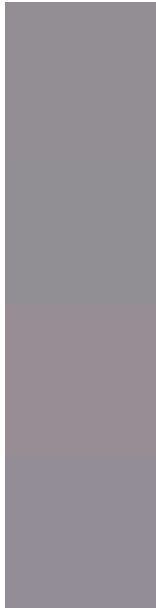
**Deuteranopia**

9B8B95



**Tritanopia**  
938D98

# Trichromacy



**Original Color**  
928E94

**Protanomaly**  
918E94

**Deuteranomaly**  
988C95

**Tritanomaly**  
938D97

# Monochromacy



**Original Color**  
928E94

**Achromatopsia**  
909090

**Achromatomaly**  
918F91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 928E94 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 #928E94 looks like.

```
.text, #text, p{  
    color:#928E94  
}
```

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 #928E94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #928E94  
}
```

## Border

The CSS property to change the border of an element to Hex 928E94 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  
#928E94 }
```

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

```
.border{ border-color:#928E94 }
```

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

Here you see how a box with a 4 pixel #928E94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #928E94; -webkit-box-shadow:4px 4px  
4px 4px #928E94; box-shadow:4px 4px 4px  
4px #928E94 }
```

# Background

The CSS property to change the background color of an element to Hex 928E94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#928E94 }
```

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

```
.background{ background-color:#928E94 }
```

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