

# Converting Colors

Hex(989E96)

Have a look what the booklet for  
Hex(989E96) contains.

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# **Color**

**Hex(989E96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989E96
RGB	152, 158, 150
RGB Percent	60%, 62%, 59%
CMY	0.4039, 0.3804, 0.4118
CMYK	0.04, 0.00, 0.05, 0.38
HSL	105°, 4%, 60%
HSV	105°, 5%, 62%
XYZ	30.6808, 33.3311, 33.6707
YIQ	155.2940, -1.0080, -3.7600

# Conversions

## Conversions Part 2

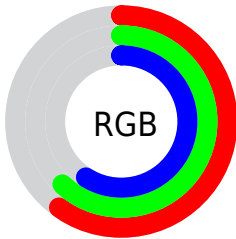
Format	Color
<a href="#">RYB</a>	<a href="#">150, 158, 156</a>
Decimal	<a href="#">10002070</a>
<a href="#">CIELab</a>	<a href="#">64.43, -3.68, 3.42</a>
<a href="#">CIElCh</a>	<a href="#">64, 5.029, 137.114</a>
<a href="#">Yxy</a>	<a href="#">33.3311, 0.3141, 0.3412</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4288192150 (0xFF989E96)</a>
<a href="#">YUV</a>	<a href="#">155.2940, -2.6099, -2.8888</a>
<a href="#">Hunter-Lab</a>	<a href="#">57.7331, -6.1737, 5.8345</a>

# Details

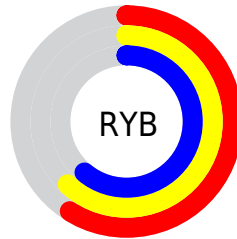
The Hex color **989E96** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9C969E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CED5CC**, and **656B63** is the 20% darker color. If you saturate the color by 10%, you get **8C9E86**, and if you desaturate by 10%, it is **A49EA6**.

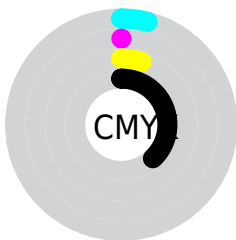
# Distribution



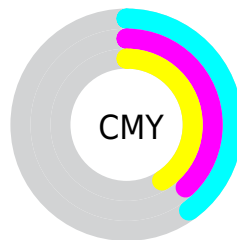
- Red (60%)
- Green (62%)
- Blue (59%)



- Red (59%)
- Yellow (62%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989E96 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 989E96 by changing the saturation by 10% instead.



■ 989E96

■ 989E96

FFFFFF

■ 7E847C

■ CED5CC

■ 656B63

■ EAF1E8

■ 4D534B

■ 363C35

■ 212620

■ 0A1108

■ 000000


■ 989E96

■ 989E96

■ 8C9E86

■ A49EA6

 809E76

 B09EB6

 749E67


 BC9EC5

 699E57

 C79ED5

 5D9E47

 D39EE5

 519E37

 DF9EF5

 459E27

 EB9EFF

 399E18

 F79EFF

 2D9E08

 FF9EFF

# Harmonies

## Analogous

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



9D9D94



989E96



949F9A

# Triad

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



989E96



969DA5



A6999A

# Complementary

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



989E96



9C969E

# 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.



A4999E



989E96



9B9CA5

# Square

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



989E96



929EA3



A09AA2



A59A96

# Rectangle

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



989E96



929F9D



A09AA2



A6999B



# Sweetspot

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



989E96



CBCFCA



9E9C96



676966



E8E8E8



696969



# Same Dimension

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



989E96



C5CFC2



969E98



4B4F4A



248F00



040F00



# Inverse Universe

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



9C969E



CBC2CF



9E969C



4E4A4F



6B008F



0B000F



# Previews

## White Background



This preview shows how the Hex color 989E96 looks on a white background.

## Color Contrast Check

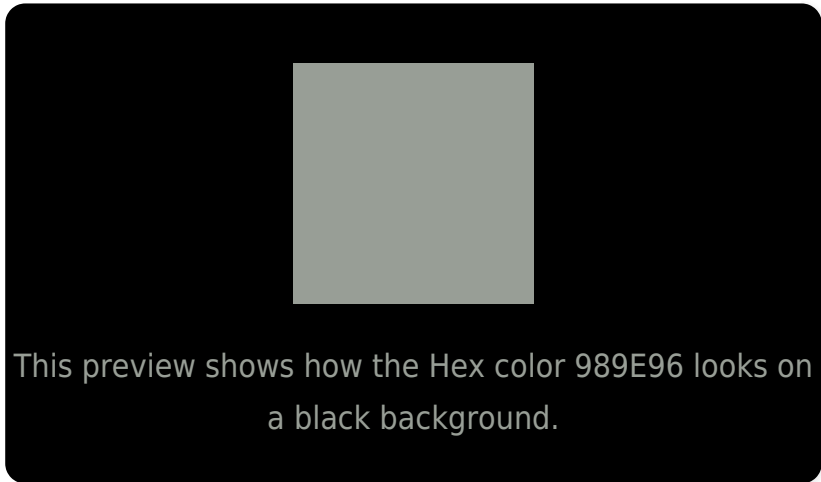
Large Text (above 18pt) WCAG AA × Fail

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

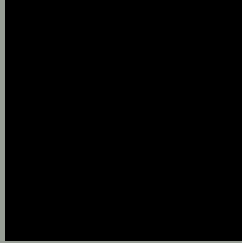
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

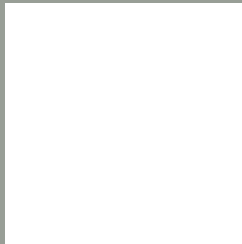
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989E96 Background



This preview shows how black text looks on a background with the Hex color 989E96.



This preview shows how white text looks on a background with the Hex color 989E96.

# 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**  
989E96

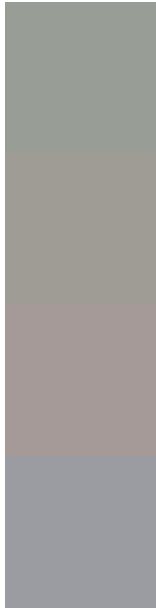
**Protanopia**  
A19B95

**Deuteranopia**  
AD9797



**Tritanopia**  
9B9BA8

# Trichromacy



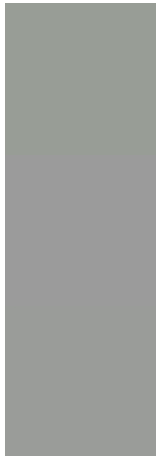
**Original Color**  
989E96

**Protanomaly**  
9E9C95

**Deuteranomaly**  
A59A97

**Tritanomaly**  
9A9CA1

# Monochromacy



**Original Color**  
989E96

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
9A9C99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989E96 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 #989E96 looks like.

```
.text, #text, p{  
    color:#989E96  
}
```

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 #989E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989E96
}
```

## Border

The CSS property to change the border of an element to Hex 989E96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

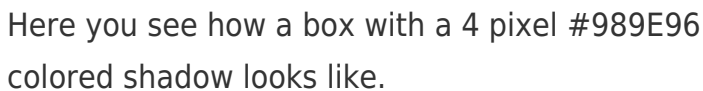
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#989E96 }
```

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

```
.border{ border-color:#989E96 }
```

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



Here you see how a box with a 4 pixel #989E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989E96; -webkit-box-shadow:4px 4px  
4px 4px #989E96; box-shadow:4px 4px 4px  
4px #989E96 }
```

# Background

The CSS property to change the background color of an element to Hex 989E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989E96 }
```

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

```
.background{ background-color:#989E96 }
```

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](#).



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