

# Converting Colors

Hex(989695)

Have a look what the booklet for  
Hex(989695) contains.

<b>Hex(989695)</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(989695)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	989695
RGB	152, 150, 149
RGB Percent	60%, 59%, 58%
CMY	0.4039, 0.4118, 0.4157
CMYK	0.00, 0.01, 0.02, 0.40
HSL	20°, 1%, 59%
HSV	20°, 2%, 60%
XYZ	29.2801, 30.6580, 32.8081
YIQ	150.4840, 1.5130, 0.1130

# Conversions

## Conversions Part 2

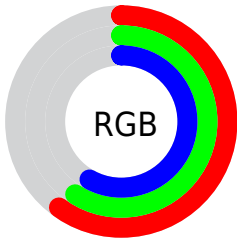
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 151, 149</a>
Decimal	<a href="#">10000021</a>
CIELab	<a href="#">62.22, 0.54, 0.78</a>
CIELCh	<a href="#">62, 0.946, 55.126</a>
Yxy	<a href="#">30.6580, 0.3157, 0.3306</a>
Android (android.graphics.Color)	<a href="#">4288190101 (0xFF989695)</a>
YUV	<a href="#">150.4840, -0.7316, 1.3295</a>
Hunter-Lab	<a href="#">55.3697, -2.5043, 3.6277</a>

# Details

The Hex color **989695** is a light color, and the websafe version is hex **999999**. A complement of this color would be **959798**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CECCCB**, and **656362** is the 20% darker color. If you saturate the color by 10%, you get **988C86**, and if you desaturate by 10%, it is **98A0A4**.

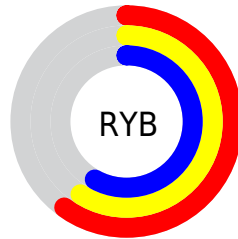
# Distribution



Red (60%)

Green (59%)

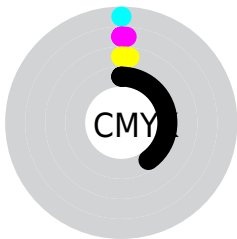
Blue (58%)



Red (60%)

Yellow (59%)

Blue (58%)

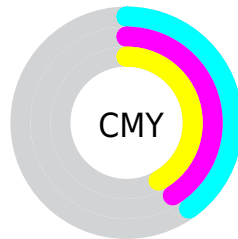


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989695 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 989695 by changing the saturation by 10% instead.





989695



989695

FFFFFF



7E7C7B



CECCCB



656362



EAE8E7



4D4B4B



363534



21201F



0A0806



000000



989695



989695



988C86



98A0A4

 988277

 98AAB3

 987867

 98B4C3

 986D58

 98BFD2

 986349

 98C9E1

 98593A

 98D3F0

 984F2B

 98DDFF

 98451B

 98E7FF

 983B0C

 98F1FF

# Harmonies

## Analogous

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



989696



989695



979695

# Triad

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



989695



959796



969698

# Complementary

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



989695



959798

# 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.



959698



989695



949797

# Square

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



989695



959795



959798



979697

# Rectangle

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



989695



979695



959798



969698



# Sweetspot

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



989695



C4C3C2



989597



636362



E3E3E3



636363



# Same Dimension

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



989695



C4C2C0



989895



4D4B4B



8C2F00



0D0400



# Inverse Universe

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



959798



C0C3C4



959698



4B4C4D



005E8C



00080D



# Previews

## White Background



This preview shows how the Hex color 989695 looks on a white background.

## Color Contrast Check

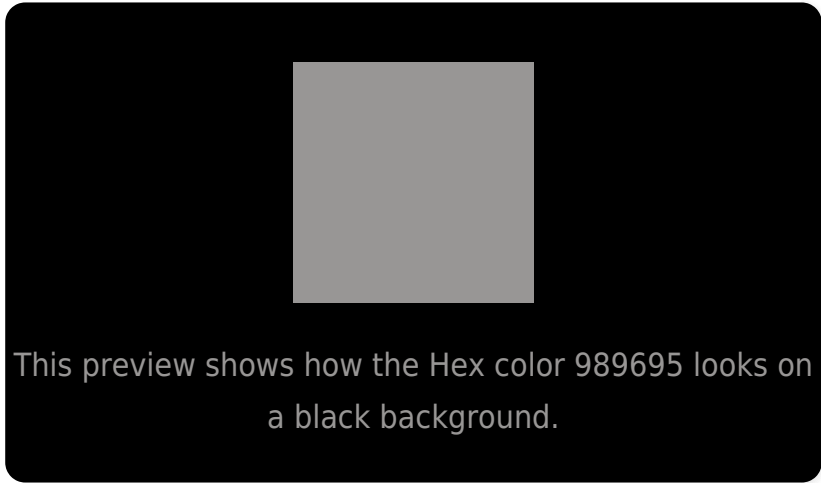
Large Text (above 18pt) WCAG AA × Fail

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

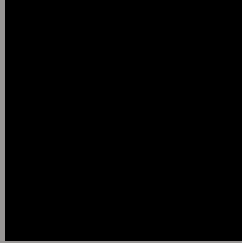
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

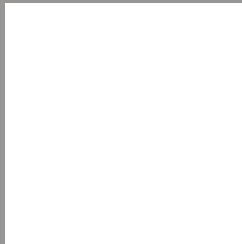
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989695 Background



This preview shows how black text looks on a background with the Hex color 989695.

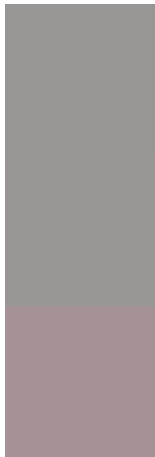


This preview shows how white text looks on a background with the Hex color 989695.

# 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**  
989695

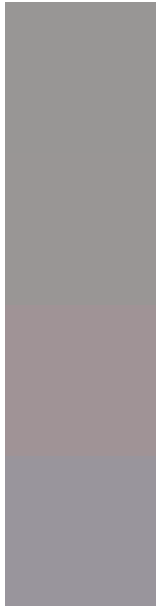
**Protanopia**  
999695

**Deuteranopia**  
A59296



**Tritanopia**  
9A94A0

# Trichromacy



**Original Color**  
989695

**Protanomaly**  
999695

**Deuteranomaly**  
A09396

**Tritanomaly**  
99959C

# Monochromacy



**Original Color**  
989695

**Achromatopsia**  
969696

**Achromatomaly**  
979696

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989695 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 #989695 looks like.

```
.text, #text, p{  
    color:#989695  
}
```

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 #989695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989695
}
```

## Border

The CSS property to change the border of an element to Hex 989695 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
#989695 }
```

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

```
.border{ border-color:#989695 }
```

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

Here you see how a box with a 4 pixel #989695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989695; -webkit-box-shadow:4px 4px  
4px 4px #989695; box-shadow:4px 4px 4px  
4px #989695 }
```

# Background

The CSS property to change the background color of an element to Hex 989695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989695 }
```

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

```
.background{ background-color:#989695 }
```

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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