

# Converting Colors

Hex(989596)

Have a look what the booklet for  
Hex(989596) contains.

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# **Color**

**Hex(989596)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	989596
RGB	152, 149, 150
RGB Percent	60%, 58%, 59%
CMY	0.4039, 0.4157, 0.4118
CMYK	0.00, 0.02, 0.01, 0.40
HSL	340°, 1%, 59%
HSV	340°, 2%, 60%
XYZ	29.2014, 30.3723, 33.1775
YIQ	150.0110, 1.4670, 0.9470

# Conversions

## Conversions Part 2

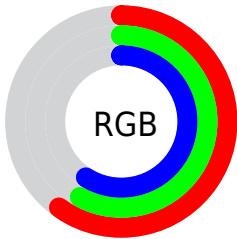
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 149, 150</a>
Decimal	<a href="#">9999766</a>
CIELab	<a href="#">61.97, 1.29, -0.15</a>
CIELCh	<a href="#">62, 1.297, 353.574</a>
Yxy	<a href="#">30.3723, 0.3148, 0.3275</a>
Android (android.graphics.Color)	<a href="#">4288189846 (0xFF989596)</a>
YUV	<a href="#">150.0110, -0.0054, 1.7444</a>
Hunter-Lab	<a href="#">55.1111, -1.8637, 2.8845</a>

# Details

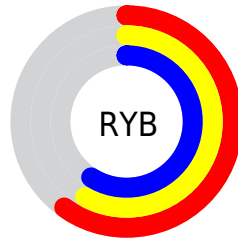
The Hex color **989596** is a light color, and the websafe version is hex **999999**. A complement of this color would be **959897**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CECBCC**, and **656263** is the 20% darker color. If you saturate the color by 10%, you get **98868C**, and if you desaturate by 10%, it is **98A4A0**.

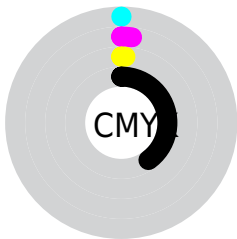
# Distribution



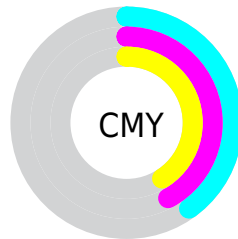
- Red (60%)
- Green (58%)
- Blue (59%)



- Red (60%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989596 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 989596 by changing the saturation by 10% instead.





989596



989596

FFFFFF



7E7B7C



CECBCC



656263



EAE7E8



4D4B4B



363435



211F20



0A0608



000000



989596



989596



98868C



98A4A0

 987782

 98B3AA

 986778

 98C3B4

 98586D

 98D2BF

 984963

 98E1C9

 983A59

 98F0D3

 982B4F

 98FFDD

 981B45

 98FFE7

 980C3B

 98FFF1

# Harmonies

## Analogous

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



979597



989596



989595

# Triad

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



989596



969694



939698

# Complementary

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



989596



959897

# 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.



939697



989596



949694

# Square

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



989596



979693



939695



949698

# Rectangle

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



989596



989594



939695



939697



# Sweetspot

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



989596



C4C2C3



979598



636263



E3E3E3



636363



# Same Dimension

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



989596



C4C0C2



989695



4D4B4B



8C002F



0D0004



# Inverse Universe

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



989596



C4C0C2



959898



4D4B4B



8C002F



0D0004



# Previews

## White Background



This preview shows how the Hex color 989596 looks on a white background.

## Color Contrast Check

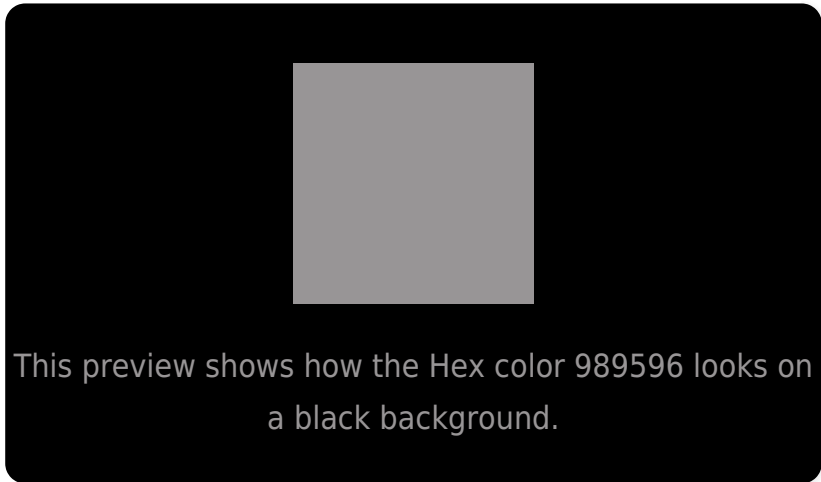
Large Text (above 18pt) WCAG AA × Fail

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

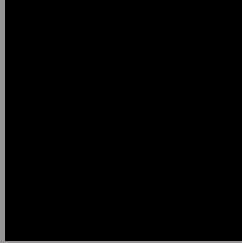
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

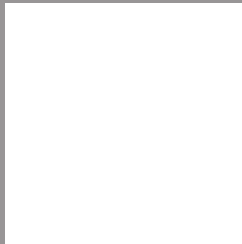
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989596 Background



This preview shows how black text looks on a background with the Hex color 989596.

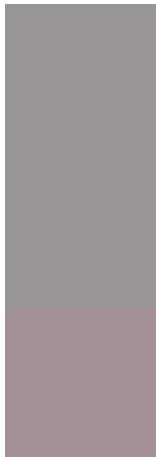


This preview shows how white text looks on a background with the Hex color 989596.

# 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**  
989596

**Protanopia**  
989596

**Deuteranopia**  
A49197



**Tritanopia**  
99949F

# Trichromacy



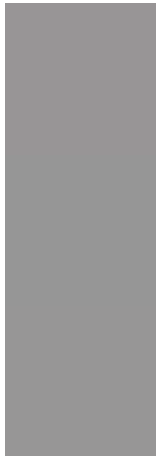
**Original Color**  
989596

**Protanomaly**  
989596

**Deuteranomaly**  
A09297

**Tritanomaly**  
99949C

# Monochromacy



**Original Color**  
989596

**Achromatopsia**  
969696

**Achromatomaly**  
979696

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989596 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 #989596 looks like.

```
.text, #text, p{  
    color:#989596  
}
```

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 #989596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989596
}
```

## Border

The CSS property to change the border of an element to Hex 989596 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
#989596 }
```

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

```
.border{ border-color:#989596 }
```

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

Here you see how a box with a 4 pixel #989596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989596; -webkit-box-shadow:4px 4px  
4px 4px #989596; box-shadow:4px 4px 4px  
4px #989596 }
```

# Background

The CSS property to change the background color of an element to Hex 989596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989596 }
```

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

```
.background{ background-color:#989596 }
```

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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