

# Converting Colors

Hex(987997)

Have a look what the booklet for  
Hex(987997) contains.

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**Color**

**Hex(987997)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	987997
RGB	152, 121, 151
RGB Percent	60%, 47%, 59%
CMY	0.4039, 0.5255, 0.4078
CMYK	0.00, 0.20, 0.01, 0.40
HSL	302°, 13%, 54%
HSV	302°, 20%, 60%
XYZ	25.3722, 22.5845, 32.3001
YIQ	133.6890, 8.8460, 15.9020

# Conversions

## Conversions Part 2

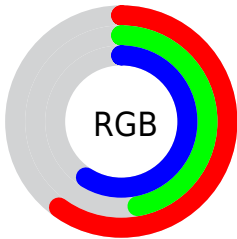
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 121, 151
Decimal	9992599
CIE <sub>Lab</sub>	54.64, 17.45, -11.59
CIE <sub>LCh</sub>	55, 20.949, 326.409
Yxy	22.5845, 0.3161, 0.2814
Android (android.graphics.Color)	4288182679 (0xFF987997)
YUV	133.6890, 8.5343, 16.0587
Hunter-Lab	47.5232, 12.1340, -7.0315

# Details

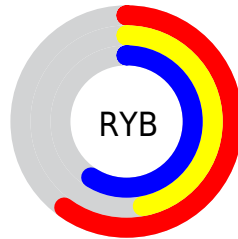
The Hex color **987997** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **79987A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CFAECD**, and **654864** is the 20% darker color. If you saturate the color by 10%, you get **986A97**, and if you desaturate by 10%, it is **988897**.

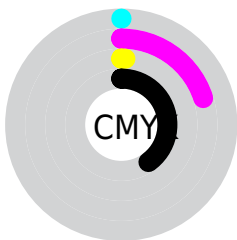
# Distribution



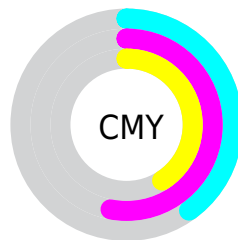
- Red (60%)
- Green (47%)
- Blue (59%)



- Red (60%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 987997 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 987997 by changing the saturation by 10% instead.



 987997

 987997

FFFFFF

 7E607D

 CFAECD

 654864

 EBC9E9

 4C314C

 FFE5FF

 351C35

 200420

 000006

 000000

 987997

 987997

 986A97

 988897

985B96

989798

984B96

98A798

983C95

98B699

982D95

98C599

981E94

98D49A

980F94

98E39A

980093

98F39B

98FF9B

# Harmonies

## Analogous

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



837FA3



987997



A57686

# Triad

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



987997



92815F



4D8D92

# Complementary

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



987997



79987A

# 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.



578D80



987997



7F8762

# Square

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



987997



A07B65



6A8B6E



548AA0

# Rectangle

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



987997



A87679



6A8B6E



4F8D8C



# Sweetspot

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



987997



C4B9C4



7A7998



635C63



E3E3E3



636363



# Same Dimension

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



987997



C495C3



987988



4D454C



8C0088



0D000C



# Inverse Universe

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



987997



C495C3



799889



4D454C



8C0088

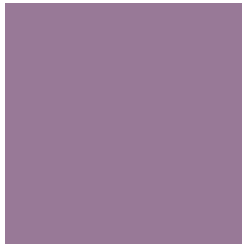


0D000C



# Previews

## White Background



This preview shows how the Hex color 987997 looks on a white background.

## Color Contrast Check

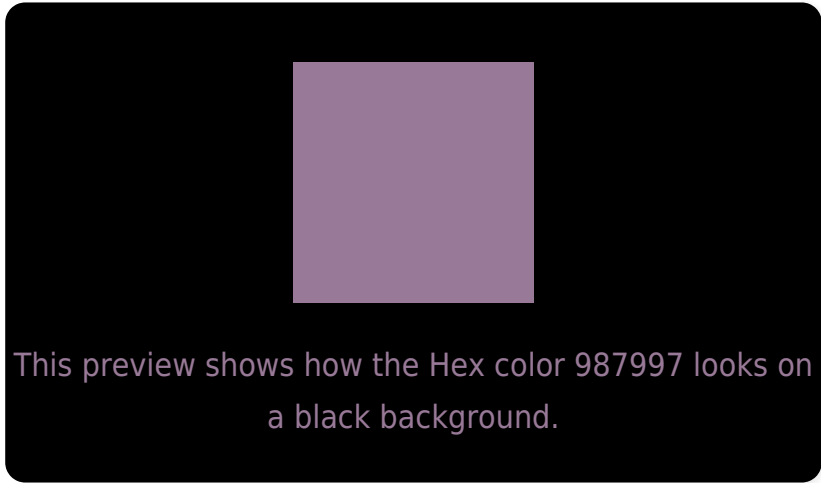
Large Text (above 18pt) WCAG AA ✓ Pass

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

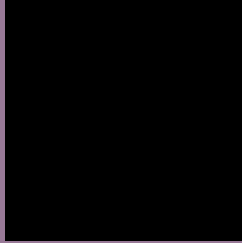
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 987997 Background



This preview shows how black text looks on a background with the Hex color 987997.




This preview shows how white text looks on a background with the Hex color 987997.

# 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**  
967C86

# Trichromacy



**Original Color**  
987997

**Protanomaly**  
877F9B

**Deuteranomaly**  
8D7D96

**Tritanomaly**  
977B8C

# Monochromacy



**Original Color**  
987997

**Achromatopsia**  
868686

**Achromatomaly**  
8D818C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 987997 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 #987997 looks like.

```
.text, #text, p{  
    color:#987997  
}
```

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 #987997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #987997
}
```

## Border

The CSS property to change the border of an element to Hex 987997 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
#987997 }
```

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

```
.border{ border-color:#987997 }
```

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

Here you see how a box with a 4 pixel #987997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #987997; -webkit-box-shadow:4px 4px  
4px 4px #987997; box-shadow:4px 4px 4px  
4px #987997 }
```

# Background

The CSS property to change the background color of an element to Hex 987997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#987997 }
```

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

```
.background{ background-color:#987997 }
```

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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