

# Converting Colors

Hex(986787)

Have a look what the booklet for  
Hex(986787) contains.

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**Color**

**Hex(986787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	986787
RGB	152, 103, 135
RGB Percent	60%, 40%, 53%
CMY	0.4039, 0.5961, 0.4706
CMYK	0.00, 0.32, 0.11, 0.40
HSL	321°, 19%, 50%
HSV	321°, 32%, 60%
XYZ	22.1723, 18.1252, 25.2516
YIQ	121.2990, 18.9320, 20.3400

# Conversions

## Conversions Part 2

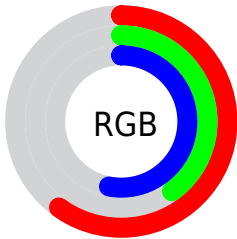
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 103, 135
Decimal	9987975
CIE Lab	49.65, 24.83, -9.69
CIE LCh	50, 26.655, 338.678
Yxy	18.1252, 0.3383, 0.2765
Android (android.graphics.Color)	4288178055 (0xFF986787)
YUV	121.2990, 6.7546, 26.9248
Hunter-Lab	42.5737, 18.4587, -5.3649

# Details

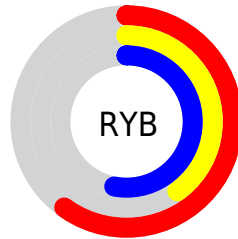
The Hex color **986787** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **679878**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **CF9BBC**, and **643755** is the 20% darker color. If you saturate the color by 10%, you get **985882**, and if you desaturate by 10%, it is **98768C**.

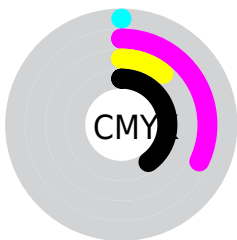
# Distribution



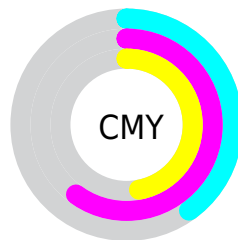
- Red (60%)
- Green (40%)
- Blue (53%)



- Red (60%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 986787 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 986787 by changing the saturation by 10% instead.



986787

986787

FFFFFF

7E4E6E

CF9BBC

643755

ECB6D8

4B203E

FFD2F4

340928

FFEEFF

210014

000000

986787

986787

985882

98768C

98497C

988592

983977

989597

982A72

98A49C

981B6D

98B3A1

980C67

98C2A7

980063

98D1AC

98E1B1

98F0B6

# Harmonies

## Analogous

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



816E99



986787



A26570

# Triad

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



986787



7F7749



238192

# Complementary

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



986787



679878

# 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.



2F827C



986787



667D52

# Square

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



986787



936F4C



4B8165



3C7DA0

# Rectangle

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



986787



A26661



4B8165



23828B



# Sweetspot

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



986787



C4B1BE



776798



63585F



E3E3E3



636363



# Same Dimension

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



986787



C478AA



98676F



4D454A



8C005C



0D0008



# Inverse Universe

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



986787



C478AA



679890



4D454A



8C005C

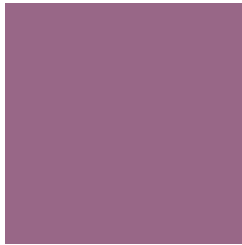


0D0008



# Previews

## White Background



This preview shows how the Hex color 986787 looks on a white background.

## Color Contrast Check

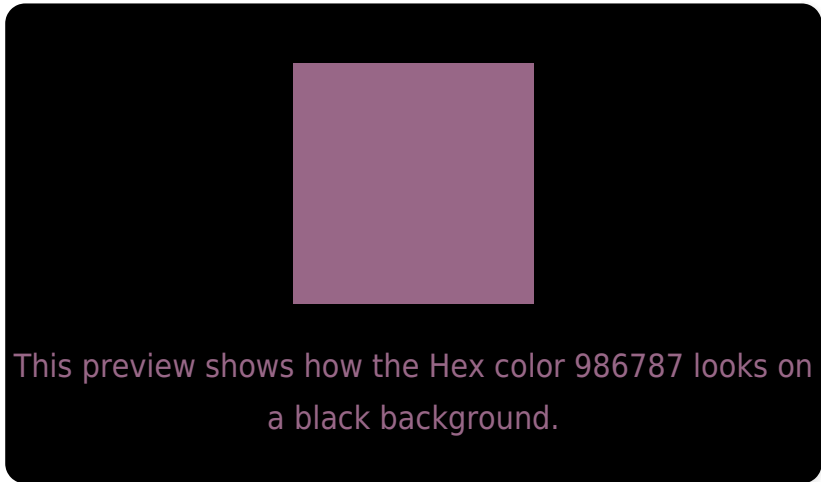
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

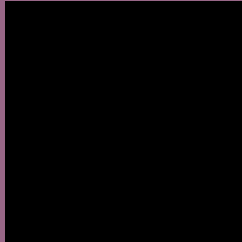
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 986787 Background



This preview shows how black text looks on a background with the Hex color 986787.




This preview shows how white text looks on a background with the Hex color 986787.

# 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**  
966B73

# Trichromacy



**Original Color**  
986787

**Protanomaly**  
7F708D

**Deuteranomaly**  
866F86

**Tritanomaly**  
976A7A

# Monochromacy



**Original Color**  
986787

**Achromatopsia**  
797979

**Achromatomaly**  
84727E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 986787 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 #986787 looks like.

```
.text, #text, p{  
    color:#986787  
}
```

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 #986787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #986787
}
```

## Border

The CSS property to change the border of an element to Hex 986787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

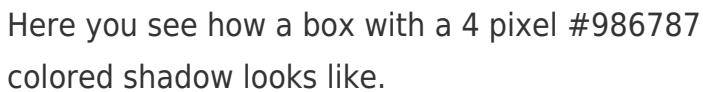
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#986787 }
```

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

```
.border{ border-color:#986787 }
```

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



Here you see how a box with a 4 pixel #986787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #986787; -webkit-box-shadow:4px 4px  
4px 4px #986787; box-shadow:4px 4px 4px  
4px #986787 }
```

# Background

The CSS property to change the background color of an element to Hex 986787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#986787 }
```

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

```
.background{ background-color:#986787 }
```

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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