

# Converting Colors

Hex(906986)

Have a look what the booklet for  
Hex(906986) contains.

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**Color**

**Hex(906986)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	906986
RGB	144, 105, 134
RGB Percent	56%, 41%, 53%
CMY	0.4353, 0.5882, 0.4745
CMYK	0.00, 0.27, 0.07, 0.44
HSL	315°, 16%, 49%
HSV	315°, 27%, 56%
XYZ	20.8563, 17.7537, 24.8818
YIQ	119.9670, 13.9350, 17.2870

# Conversions

## Conversions Part 2

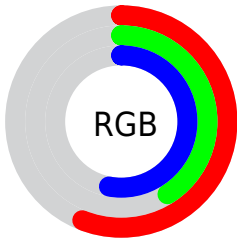
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 105, 134
Decimal	9464198
CIE <sub>Lab</sub>	49.20, 20.56, -9.87
CIE <sub>LCh</sub>	49, 22.808, 334.364
Yxy	17.7537, 0.3285, 0.2796
Android (android.graphics.Color)	4287654278 (0xFF906986)
YUV	119.9670, 6.9183, 21.0769
Hunter-Lab	42.1351, 14.6184, -5.5176

# Details

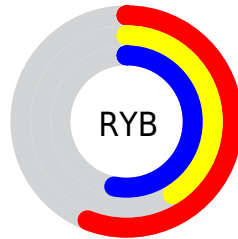
The Hex color **906986** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **699073**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C69DBB**, and **5D3954** is the 20% darker color. If you saturate the color by 10%, you get **905B82**, and if you desaturate by 10%, it is **90778A**.

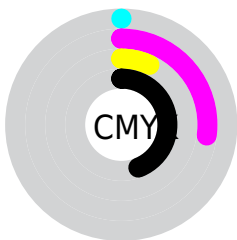
# Distribution



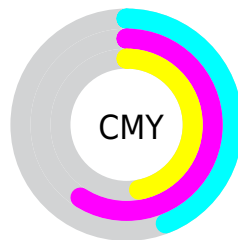
- Red (56%)
- Green (41%)
- Blue (53%)



- Red (56%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (7%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 906986 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 906986 by changing the saturation by 10% instead.



906986

906986

FFFFFF

76516D

C69DBB

5D3954

E2B8D7

45233D

FFD3F3

2E0D27

FFF0FF

1A0013

000000

906986

906986

905B82

90778A

904C7F

90868D

903E7B

909491

902F77

90A395

902174

90B198

901370

90BF9C

90046C

90CEA0

90006B

90DCA4

90EBA7

# Harmonies

## Analogous

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



7B6F95



906986



9B6673

# Triad

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



906986



80754E



377F8A

# Complementary

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



906986



699073

# 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.



408077



906986



6B7A55

# Square

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



906986



906E53



547E64



457B97

# Rectangle

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



906986



9C6766



547E64



377F84



# Sweetspot

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



906986



BAABB6



736990



5E555C



DEDEDE



5E5E5E



# Same Dimension

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



906986



BA7DAA



906973



474046



870064



080006



# Inverse Universe

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



906986



BA7DAA



699086



474046



870064

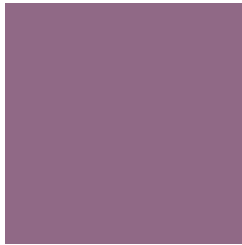


080006



# Previews

## White Background



This preview shows how the Hex color 906986 looks on a white background.

## Color Contrast Check

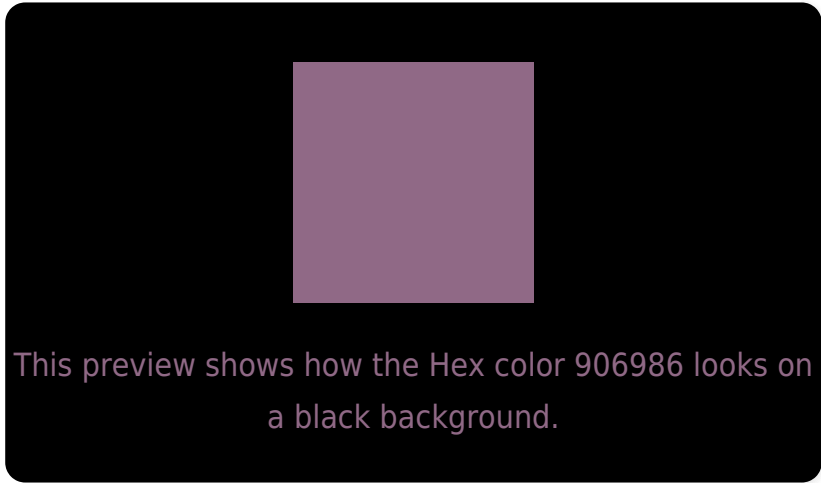
Large Text (above 18pt) WCAG AA ✓ Pass

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

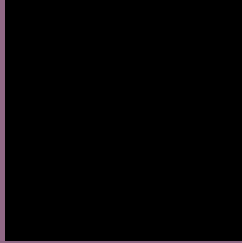
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 906986 Background



This preview shows how black text looks on a background with the Hex color 906986.

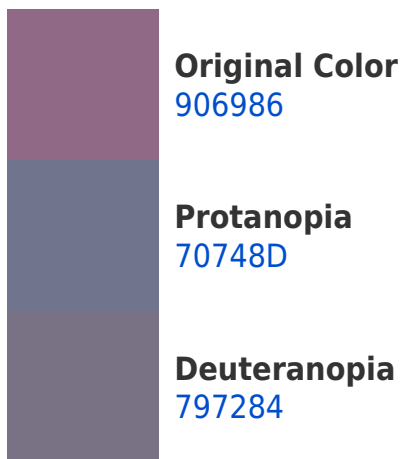


This preview shows how white text looks on a background with the Hex color 906986.

# 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**  
8E6C75

# Trichromacy



**Original Color**  
906986

**Protanomaly**  
7C708A

**Deuteranomaly**  
816F85

**Tritanomaly**  
8F6B7B

# Monochromacy



**Original Color**  
906986

**Achromatopsia**  
787878

**Achromatomaly**  
81737D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 906986 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 #906986 looks like.

```
.text, #text, p{  
    color:#906986  
}
```

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 #906986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #906986
}
```

## Border

The CSS property to change the border of an element to Hex 906986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

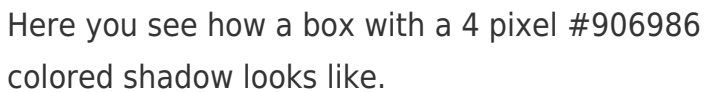
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#906986 }
```

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

```
.border{ border-color:#906986 }
```

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



Here you see how a box with a 4 pixel #906986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #906986; -webkit-box-shadow:4px 4px  
4px 4px #906986; box-shadow:4px 4px 4px  
4px #906986 }
```

# Background

The CSS property to change the background color of an element to Hex 906986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#906986 }
```

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

```
.background{ background-color:#906986 }
```

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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