

# Converting Colors

Hex(906E84)

Have a look what the booklet for  
Hex(906E84) contains.

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**Color**

**Hex(906E84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	906E84
RGB	144, 110, 132
RGB Percent	56%, 43%, 52%
CMY	0.4353, 0.5686, 0.4824
CMYK	0.00, 0.24, 0.08, 0.44
HSL	321°, 13%, 50%
HSV	321°, 24%, 56%
XYZ	21.2424, 18.7471, 24.3288
YIQ	122.6740, 13.2020, 14.0500

# Conversions

## Conversions Part 2

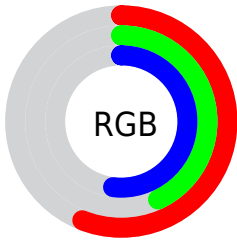
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 110, 132
Decimal	9465476
CIE Lab	50.39, 17.27, -6.90
CIE LCh	50, 18.592, 338.227
Yxy	18.7471, 0.3303, 0.2915
Android (android.graphics.Color)	4287655556 (0xFF906E84)
YUV	122.6740, 4.5977, 18.7029
Hunter-Lab	43.2979, 11.8025, -3.0060

# Details

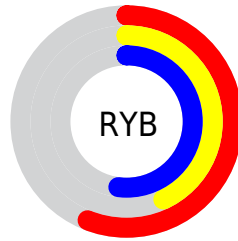
The Hex color **906E84** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6E907A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C6A2B9**, and **5D3E53** is the 20% darker color. If you saturate the color by 10%, you get **90607F**, and if you desaturate by 10%, it is **907C89**.

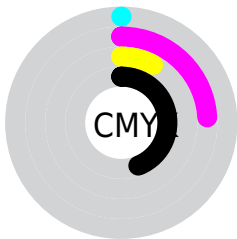
# Distribution



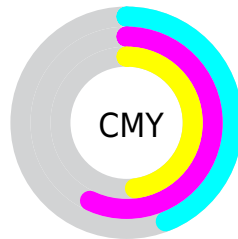
- Red (56%)
- Green (43%)
- Blue (52%)



- Red (56%)
- Yellow (43%)
- Blue (52%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (57%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 906E84 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 906E84 by changing the saturation by 10% instead.





906E84



906E84

FFFFFF



76556B



C6A2B9



5D3E53



E2BDD5



45283C



FFD9F1



2E1326



FFF5FF



1C0011



000000



906E84



906E84



90607F



907C89



90517A



908B8E

904375

909993

903470

90A898

90266B

90B69D

901866

90C4A2

900960

90D3A8

90005D

90E1AD

90F0B2

# Harmonies

## Analogous

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



807291



906E84



986C74

# Triad

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



906E84



7F7859



4B808B

# Complementary

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



906E84



6E907A

# 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.



4E817C



906E84



6E7D5F

# Square

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



906E84



8E735B



5C806C



567D95

# Rectangle

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



906E84



986D6A



5C806C



4A8086



# Sweetspot

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



906E84



BAADB6



7A6E90



5E575C



DEDEDE



5E5E5E



# Same Dimension

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



906E84



BA86A8



906E73



474045



870057



080005



# Inverse Universe

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



906E84



BA86A8



6E908B



474045



870057



080005



# Previews

## White Background



This preview shows how the Hex color 906E84 looks on a white background.

## Color Contrast Check

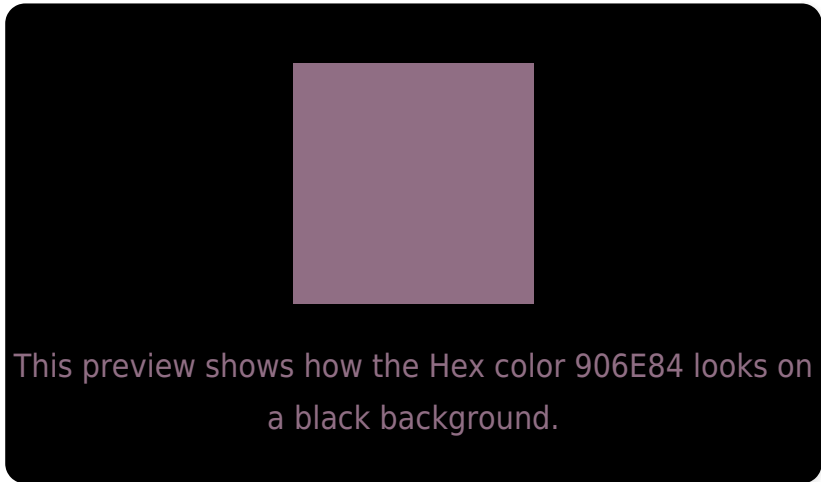
Large Text (above 18pt) WCAG AA ✓ Pass

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

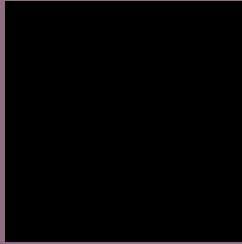
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 906E84 Background



This preview shows how black text looks on a background with the Hex color 906E84.



This preview shows how white text looks on a background with the Hex color 906E84.

# 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**  
906E84

**Protanopia**  
75778A

**Deuteranopia**  
7F7583



**Tritanopia**  
8F7079

# Trichromacy



**Original Color**  
906E84

**Protanomaly**  
7F7488

**Deuteranomaly**  
857283

**Tritanomaly**  
8F6F7D

# Monochromacy



**Original Color**  
906E84

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
83767E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 906E84 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 #906E84 looks like.

```
.text, #text, p{  
    color:#906E84  
}
```

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 #906E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #906E84
}
```

## Border

The CSS property to change the border of an element to Hex 906E84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

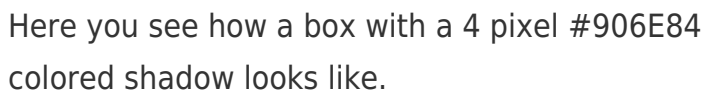
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#906E84 }
```

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

```
.border{ border-color:#906E84 }
```

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



Here you see how a box with a 4 pixel #906E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #906E84; -webkit-box-shadow:4px 4px  
4px 4px #906E84; box-shadow:4px 4px 4px  
4px #906E84 }
```

# Background

The CSS property to change the background color of an element to Hex 906E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#906E84 }
```

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

```
.background{ background-color:#906E84 }
```

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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