

# Converting Colors

Hex(966A80)

Have a look what the booklet for  
Hex(966A80) contains.

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**Color**

**Hex(966A80)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 966A80                     |
| RGB           | 150, 106, 128              |
| RGB Percent   | 59%, 42%, 50%              |
| CMY           | 0.4118, 0.5843, 0.4980     |
| CMYK          | 0.00, 0.29, 0.15, 0.41     |
| HSL           | 330°, 17%, 50%             |
| HSV           | 330°, 29%, 59%             |
| XYZ           | 21.6280, 18.3506, 22.8242  |
| YIQ           | 121.6640, 19.1620, 16.1700 |

# Conversions

## Conversions Part 2

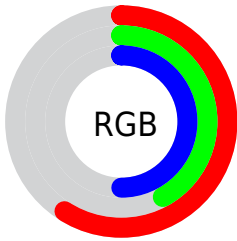
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 150, 106, 128                |
| Decimal                             | 9857664                      |
| CIE <sub>Lab</sub>                  | 49.92, 21.12, -5.15          |
| CIE <sub>LCh</sub>                  | 50, 21.743, 346.287          |
| Yxy                                 | 18.3506, 0.3444,<br>0.2922   |
| Android<br>(android.graphics.Color) | 4288047744<br>(0xFF966A80)   |
| YUV                                 | 121.6640, 3.1236,<br>24.8507 |
| Hunter-Lab                          | 42.8376, 15.1558,<br>-1.6038 |

# Details

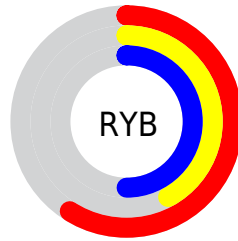
The Hex color **966A80** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A9680**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CD9EB5**, and **623A4F** is the 20% darker color. If you saturate the color by 10%, you get **965B79**, and if you desaturate by 10%, it is **967988**.

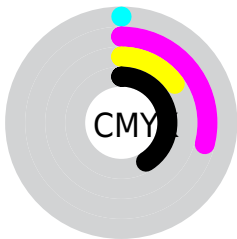
# Distribution



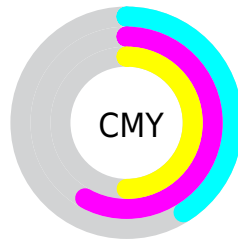
- Red (59%)
- Green (42%)
- Blue (50%)



- Red (59%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (41%)



- Cyan (41%)
- Magenta (58%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 966A80 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 966A80 by changing the saturation by 10% instead.





966A80



966A80

FFFFFF



7C5167



CD9EB5



623A4F



E9B9D0



4A2438



FFD5ED



320E23



FFF1FF



20000D



000000



966A80



966A80



965B79



967988



964C71



96888F

963D6A

969797

962E62

96A69E

961F5A

96B5A6

961053

96C4AD

96014C

96D3B5

96004B

96E2BC

96F1C3

# Harmonies

## Analogous

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



866F90



966A80



9C696D

# Triad

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



966A80



7A7953



407F91

# Complementary

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



966A80



6A9680

# 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.



408180



966A80



657E5D

# Square

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



966A80



8C7353



50806D



537B9A

# Rectangle

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



966A80



9A6B62



50806D



3E808C



# Sweetspot

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



966A80



C2B0B9



806A96



61565C



E0E0E0



616161



# Same Dimension

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



966A80



C27EA0



966A6A



4A4346



8A0045



0A0005



# Inverse Universe

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



966A80



C27EA0



6A9696



4A4346



8A0045

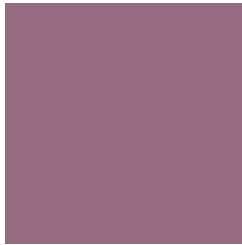


0A0005



# Previews

## White Background



This preview shows how the Hex color 966A80 looks on a white background.

## Color Contrast Check

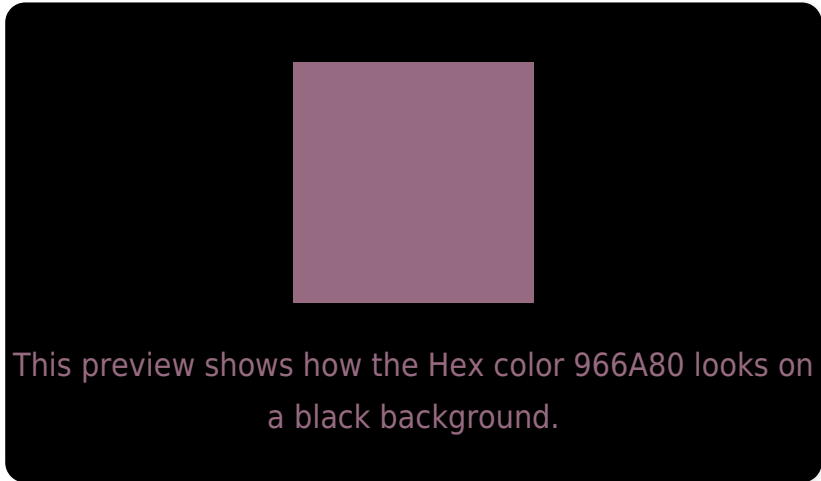
Large Text (above 18pt) WCAG AA ✓ Pass

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

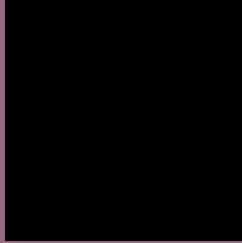
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 966A80 Background



This preview shows how black text looks on a background with the Hex color 966A80.




This preview shows how white text looks on a background with the Hex color 966A80.

# 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**  
956C74

# Trichromacy



**Original Color**  
966A80

**Protanomaly**  
807285

**Deuteranomaly**  
87707F

**Tritanomaly**  
956B78

# Monochromacy



**Original Color**  
966A80

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
84747C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 966A80 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 #966A80 looks like.

```
.text, #text, p{  
    color:#966A80  
}
```

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 #966A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966A80
}
```

## Border

The CSS property to change the border of an element to Hex 966A80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

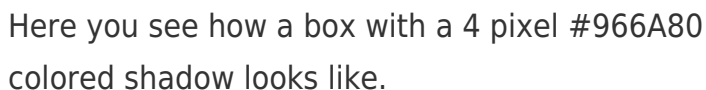
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#966A80 }
```

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

```
.border{ border-color:#966A80 }
```

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



Here you see how a box with a 4 pixel #966A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966A80; -webkit-box-shadow:4px 4px  
4px 4px #966A80; box-shadow:4px 4px 4px  
4px #966A80 }
```

# Background

The CSS property to change the background color of an element to Hex 966A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966A80 }
```

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

```
.background{ background-color:#966A80 }
```

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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