

# Converting Colors

Hex(966E9B)

Have a look what the booklet for  
Hex(966E9B) contains.

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# Color

**Hex(966E9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	966E9B
RGB	150, 110, 155
RGB Percent	59%, 43%, 61%
CMY	0.4118, 0.5686, 0.3922
CMYK	0.03, 0.29, 0.00, 0.39
HSL	293°, 18%, 52%
HSV	293°, 29%, 61%
XYZ	24.0700, 20.0024, 33.6026
YIQ	127.0900, 9.3950, 22.4750

# Conversions

## Conversions Part 2

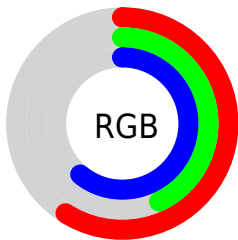
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 110, 155</a>
Decimal	<a href="#">9858715</a>
CIELab	<a href="#">51.84, 23.92, -18.19</a>
CIELCh	<a href="#">52, 30.053, 322.752</a>
Yxy	<a href="#">20.0024, 0.3099, 0.2575</a>
Android (android.graphics.Color)	<a href="#">4288048795 (0xFF966E9B)</a>
YUV	<a href="#">127.0900, 13.7596, 20.0921</a>
Hunter-Lab	<a href="#">44.7241, 17.7995, -13.2395</a>

# Details

The Hex color **966E9B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **739B6E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CDA2D2**, and **623E68** is the 20% darker color. If you saturate the color by 10%, you get **945F9B**, and if you desaturate by 10%, it is **987E9B**.

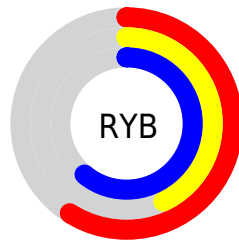
# Distribution



Red (59%)

Green (43%)

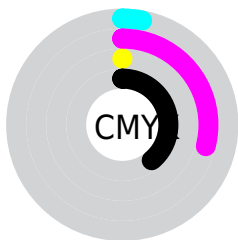
Blue (61%)



Red (59%)

Yellow (43%)

Blue (61%)

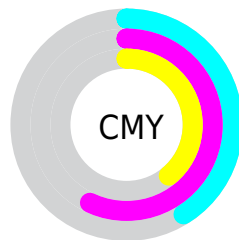


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (39%)



Cyan (41%)

Magenta (57%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 966E9B 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 966E9B by changing the saturation by 10% instead.



966E9B

966E9B

FFFFFF

7C5581

CDA2D2

623E68

E9BDEE

4A2750

FFD9FF

331138

FFF6FF

200023

00000A

000000

966E9B

966E9B

945F9B

987E9B

 934F9B

 998D9B

 91409B

 9B9D9B

 8F309B

 9DAC9B

 8D219B

 9FBB9B

 8C119B

 A0CB9B

 8A019B

 A2DB9B

 8A009B

 A4EA9B

 A5FA9B

# Harmonies

## Analogous

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



7677AB



966E9B



A96883

# Triad

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



966E9B



927848



10898F

# Complementary

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



966E9B



739B6E

# 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.



398974



966E9B



79804B

# Square

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



966E9B



A56F54



5B865C



1B86A4

# Rectangle

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



966E9B



AE6871



5B865C



1E8986



# Sweetspot

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



966E9B



C7B7C9



6E739B



655B66



E6E6E6



666666



# Same Dimension

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



966E9B



C283C9



9B6E8A



4C454D



7D008C



0B000D



# Inverse Universe

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



9B6E73



C9838B



6E9B7F



4D4546



8C0010

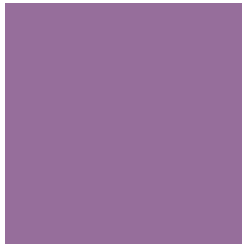


0D0001



# Previews

## White Background



This preview shows how the Hex color 966E9B looks on a white background.

## Color Contrast Check

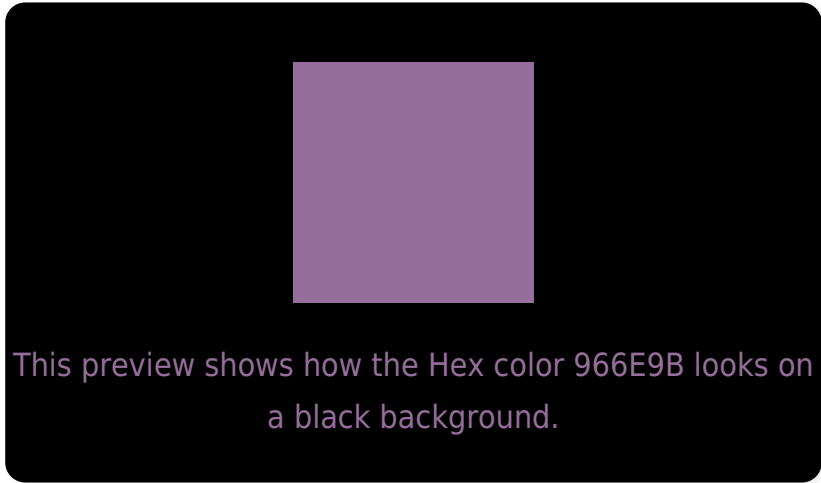
Large Text (above 18pt) WCAG AA ✓ Pass

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

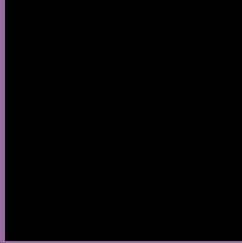
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 966E9B Background



This preview shows how black text looks on a background with the Hex color 966E9B.

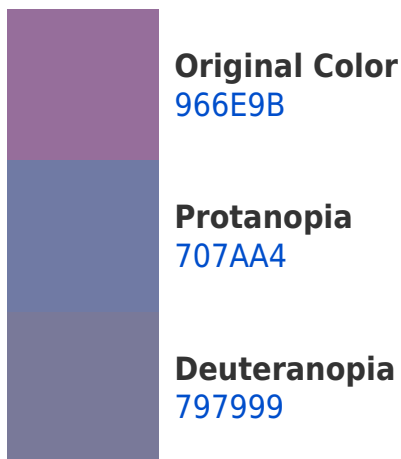


This preview shows how white text looks on a background with the Hex color 966E9B.

# 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**  
92747D

# Trichromacy



**Original Color**  
966E9B

**Protanomaly**  
7E76A1

**Deuteranomaly**  
84759A

**Tritanomaly**  
937288

# Monochromacy



**Original Color**  
966E9B

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
877989

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 966E9B 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 #966E9B looks like.

```
.text, #text, p{  
    color:#966E9B  
}
```

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 #966E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966E9B
}
```

## Border

The CSS property to change the border of an element to Hex 966E9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

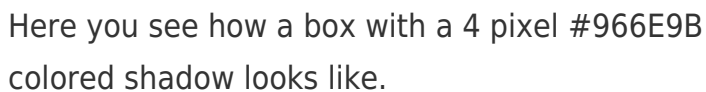
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#966E9B }
```

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

```
.border{ border-color:#966E9B }
```

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



Here you see how a box with a 4 pixel #966E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966E9B; -webkit-box-shadow:4px 4px  
4px 4px #966E9B; box-shadow:4px 4px 4px  
4px #966E9B }
```

# Background

The CSS property to change the background color of an element to Hex 966E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966E9B }
```

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

```
.background{ background-color:#966E9B }
```

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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