

# Converting Colors

Hex(976D9C)

Have a look what the booklet for  
Hex(976D9C) contains.

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# Color

Hex(976D9C)

# Conversions

## Conversions Part 1

Format	Color
Hex	976D9C
RGB	151, 109, 156
RGB Percent	59%, 43%, 61%
CMY	0.4078, 0.5725, 0.3882
CMYK	0.03, 0.30, 0.00, 0.39
HSL	294°, 19%, 52%
HSV	294°, 30%, 61%
XYZ	24.2319, 19.9169, 34.0197
YIQ	126.9160, 9.9450, 23.5210

# Conversions

## Conversions Part 2

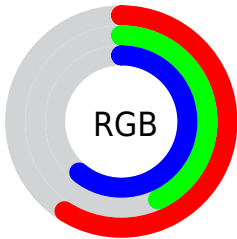
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 109, 156
Decimal	9923996
CIE <sub>Lab</sub>	51.74, 25.05, -18.91
CIE <sub>LCh</sub>	52, 31.387, 322.943
Yxy	19.9169, 0.3100, 0.2548
Android (android.graphics.Color)	4288114076 (0xFF976D9C)
YUV	126.9160, 14.3384, 21.1217
Hunter-Lab	44.6283, 18.8207, -13.9563

# Details

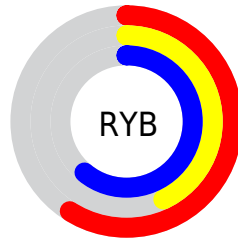
The Hex color **976D9C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **729C6D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CEA1D3**, and **633D69** is the 20% darker color. If you saturate the color by 10%, you get **955D9C**, and if you desaturate by 10%, it is **997D9C**.

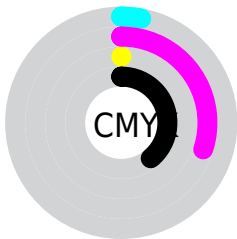
# Distribution



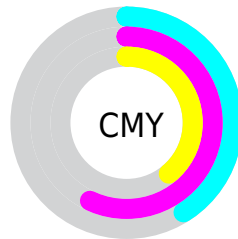
- Red (59%)
- Green (43%)
- Blue (61%)



- Red (59%)
- Yellow (43%)
- Blue (61%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (57%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 976D9C 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 976D9C by changing the saturation by 10% instead.



■ 976D9C

■ 976D9C

FFFFFF

■ 7D5482

■ CEA1D3

■ 633D69

■ EABCEF

■ 4B2650

■ FFD8FF

■ 331039

■ FFF5FF

■ 200024

■ 00000B

■ 000000

■ 976D9C

■ 976D9C

■ 955D9C

■ 997D9C

944E9C

9A8C9C

923E9C

9C9C9C

902F9C

9EAB9C

8F1F9C

9FBB9C

8D0F9C

A1CB9C

8B009C

A3DA9C

A4EA9C

A6F99C

# Harmonies

## Analogous

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



7577AD



976D9C



AB6783

# Triad

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



976D9C



927846



00898F

# Complementary

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



976D9C



729C6D

# 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.



338974



976D9C



788049

# Square

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



976D9C



A66E51



59865A



0686A5

# Rectangle

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



976D9C



AF6671



59865A



108A86



# Sweetspot

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



976D9C



CABACC



6D729C



655B66



E6E6E6



666666



# Same Dimension

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



976D9C



C483CC



9C6D8A



4E474F



80008F



0E000F



# Inverse Universe

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



9C6D72



CC838A



6D9C7F



4F4748



8F000F

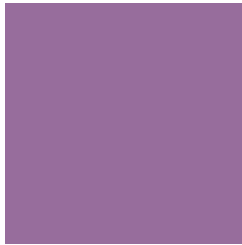


0F0002



# Previews

## White Background



This preview shows how the Hex color 976D9C looks on a white background.

## Color Contrast Check

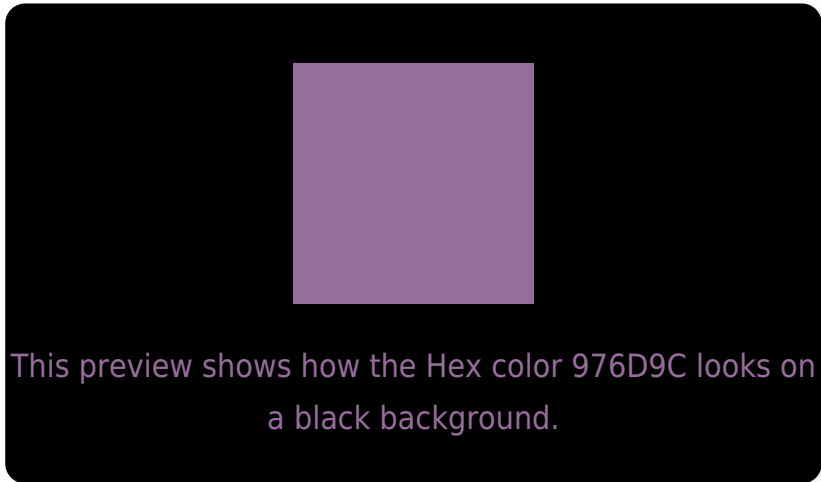
Large Text (above 18pt) WCAG AA ✓ Pass

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

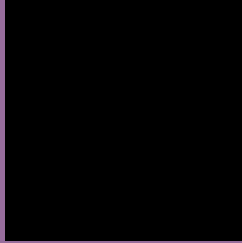
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 976D9C Background



This preview shows how black text looks on a background with the Hex color 976D9C.

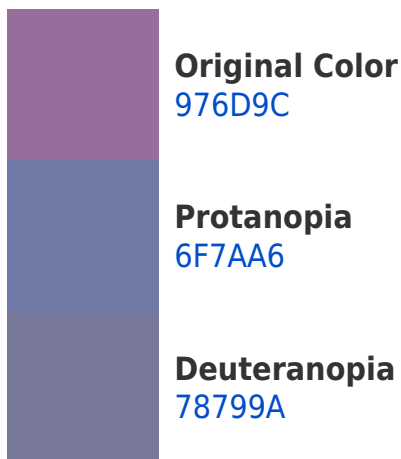



This preview shows how white text looks on a background with the Hex color 976D9C.

# 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**  
93737C

# Trichromacy



**Original Color**  
976D9C

**Protanomaly**  
7E75A2

**Deuteranomaly**  
83759B

**Tritanomaly**  
947188

# Monochromacy



**Original Color**  
976D9C

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
88788A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 976D9C 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 #976D9C looks like.

```
.text, #text, p{  
    color:#976D9C  
}
```

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 #976D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #976D9C
}
```

## Border

The CSS property to change the border of an element to Hex 976D9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

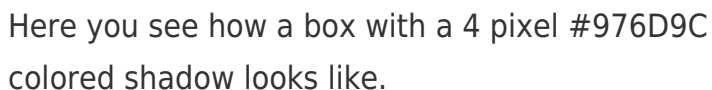
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#976D9C }
```

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

```
.border{ border-color:#976D9C }
```

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



Here you see how a box with a 4 pixel #976D9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #976D9C; -webkit-box-shadow:4px 4px  
4px 4px #976D9C; box-shadow:4px 4px 4px  
4px #976D9C }
```

# Background

The CSS property to change the background color of an element to Hex 976D9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#976D9C }
```

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

```
.background{ background-color:#976D9C }
```

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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