

# Converting Colors

Hex(9976B7)

Have a look what the booklet for  
Hex(9976B7) contains.

<b>Hex(9976B7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9976B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9976B7
RGB	153, 118, 183
RGB Percent	60%, 46%, 72%
CMY	0.4000, 0.5373, 0.2824
CMYK	0.16, 0.36, 0.00, 0.28
HSL	272°, 31%, 59%
HSV	272°, 36%, 72%
XYZ	28.1625, 23.1481, 47.7834
YIQ	135.8750, -0.0050, 27.6350

# Conversions

## Conversions Part 2

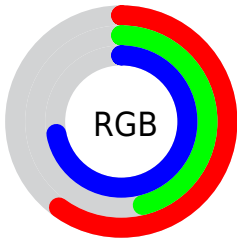
Format	Color
R <sub>Y</sub> B	153, 118, 183
Decimal	10057399
CIE <sub>Lab</sub>	55.22, 26.33, -29.18
CIE <sub>LCh</sub>	55, 39.309, 312.059
Y <sub>xy</sub>	23.1481, 0.2842, 0.2336
Android (android.graphics.Color)	4288247479 (0xFF9976B7)
YUV	135.8750, 23.2326, 15.0186
Hunter-Lab	48.1124, 20.2879, -25.2059

# Details

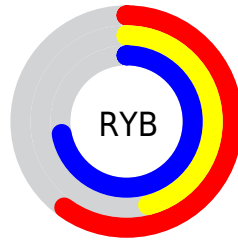
The Hex color **9976B7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **94B776**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D0ABEF**, and **654582** is the 20% darker color. If you saturate the color by 10%, you get **9164B7**, and if you desaturate by 10%, it is **A188B7**.

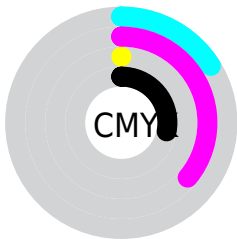
# Distribution



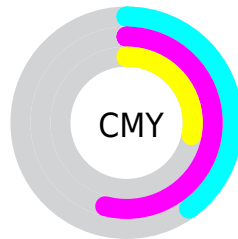
- Red (60%)
- Green (46%)
- Blue (72%)



- Red (60%)
- Yellow (46%)
- Blue (72%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (28%)



- Cyan (40%)
- Magenta (54%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9976B7 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 9976B7 by changing the saturation by 10% instead.



 9976B7

 9976B7

FFFFFF

 7E5D9C

 D0ABEF

 654582

 EDC6FF

 4C2E68

 FFE2FF

 341850

 1D0139

 000023

 000009

 000000

 9976B7

 9976B7

9164B7

A188B7

8851B7

AA9BB7

803FB7

B2ADB7

772DB7

BBBFB7

6F1AB7

C3D2B7

6608B7

CCE4B7

6300B7

D4F6B7

DdffB7

E5FFB7

# Harmonies

## Analogous

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



6583C7



9976B7



B96B9A

# Triad

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



9976B7



AA7B43



009691

# Complementary

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



9976B7



94B776

# 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.



35946E



9976B7



8C873F

# Square

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



9976B7



BF6F58



668F50



0094B1

# Rectangle

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



9976B7



C36883



668F50



009686



# Sweetspot

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



9976B7



E1D3ED



7694B7



716878



F7F7F7



787878



# Same Dimension

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



9976B7



BE87ED



B776B5



58535C



54009C



0F001C



# Inverse Universe

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



B77694



ED87B6



76B778



5C5357



9C0048

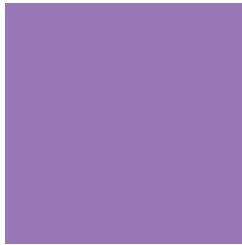


1C000D



# Previews

## White Background



This preview shows how the Hex color 9976B7 looks on a white background.

## Color Contrast Check

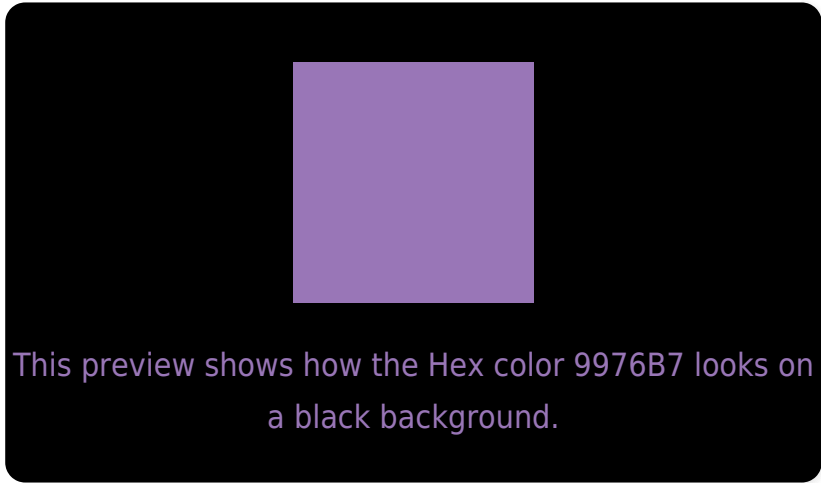
Large Text (above 18pt) WCAG AA ✓ Pass

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

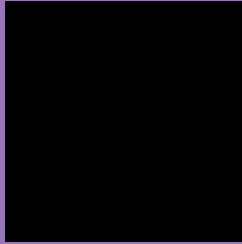
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9976B7 Background



This preview shows how black text looks on a background with the Hex color 9976B7.

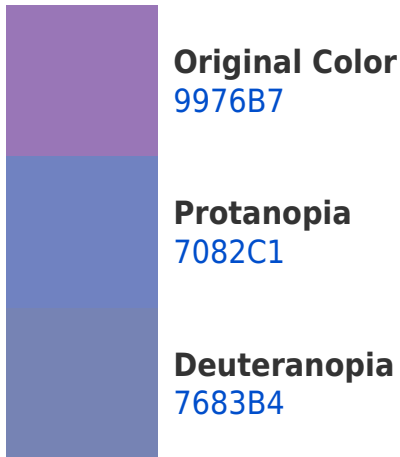


This preview shows how white text looks on a background with the Hex color 9976B7.

# 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**  
927F89

# Trichromacy



**Original Color**  
9976B7

**Protanomaly**  
7F7EBD

**Deuteranomaly**  
837EB5

**Tritanomaly**  
957C9A

# Monochromacy



**Original Color**  
9976B7

**Achromatopsia**  
888888

**Achromatomaly**  
8E8199

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9976B7 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 #9976B7 looks like.

```
.text, #text, p{  
    color:#9976B7  
}
```

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 #9976B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9976B7
}
```

## Border

The CSS property to change the border of an element to Hex 9976B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

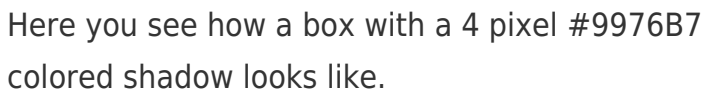
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9976B7 }
```

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

```
.border{ border-color:#9976B7 }
```

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



Here you see how a box with a 4 pixel #9976B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9976B7; -webkit-box-shadow:4px 4px  
4px 4px #9976B7; box-shadow:4px 4px 4px  
4px #9976B7 }
```

# Background

The CSS property to change the background color of an element to Hex 9976B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9976B7 }
```

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

```
.background{ background-color:#9976B7 }
```

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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