

# Converting Colors

Hex(9A76B6)

Have a look what the booklet for  
Hex(9A76B6) contains.

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# **Color**

**Hex(9A76B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A76B6
RGB	154, 118, 182
RGB Percent	60%, 46%, 71%
CMY	0.3961, 0.5373, 0.2863
CMYK	0.15, 0.35, 0.00, 0.29
HSL	274°, 30%, 59%
HSV	274°, 35%, 71%
XYZ	28.2484, 23.2043, 47.2460
YIQ	136.0600, 0.9120, 27.5360

# Conversions

## Conversions Part 2

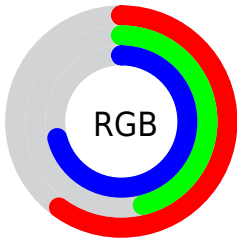
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 118, 182
Decimal	10122934
CIELab	55.28, 26.42, -28.51
CIELCh	55, 38.874, 312.821
Yxy	23.2043, 0.2862, 0.2351
Android (android.graphics.Color)	4288313014 (0xFF9A76B6)
YUV	136.0600, 22.6484, 15.7334
Hunter-Lab	48.1708, 20.3771, -24.4321

# Details

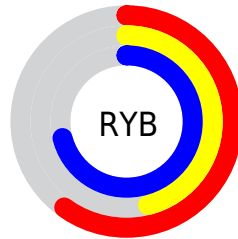
The Hex color **9A76B6** is a light color, and the websafe version is hex **996699**. A complement of this color would be **92B676**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D1ABEE**, and **664581** is the 20% darker color. If you saturate the color by 10%, you get **9264B6**, and if you desaturate by 10%, it is **A288B6**.

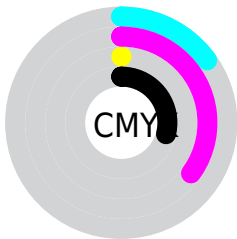
# Distribution



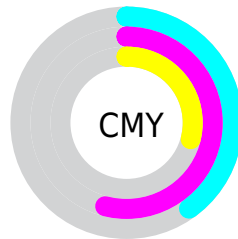
- Red (60%)
- Green (46%)
- Blue (71%)



- Red (60%)
- Yellow (46%)
- Blue (71%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (54%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A76B6 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 9A76B6 by changing the saturation by 10% instead.



■ 9A76B6

■ 9A76B6

FFFFFF

■ 7F5D9B

■ D1ABEE

■ 664581

■ EEC6FF

■ 4D2E67

■ FFE2FF

■ 35184F

■ 1E0138

■ 000022

■ 000008

■ 000000

■ 9A76B6

■ 9A76B6

 9264B6

 A288B6

 8A52B6

 AA9AB6

 823FB6

 B2ADB6

 7A2DB6

 BABFB6

 721BB6

 C2D1B6

 6A09B6

 CAE3B6

 6600B6

 D2F5B6

 DAFFB6

 E2FFB6

# Harmonies

## Analogous

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



6883C6



9A76B6



B96B99

# Triad

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



9A76B6



A97C44



009692

# Complementary

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



9A76B6



92B676

# 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.



35946F



9A76B6



8B8741

# Square

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



9A76B6



BE7058



669051



0094B1

# Rectangle

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



9A76B6



C36982



669051



009687



# Sweetspot

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



9A76B6



E2D3ED



7693B6



716878



F7F7F7



787878



# Same Dimension

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



9A76B6



C28AED



B676B3



58535C



57009C



10001C



# Inverse Universe

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



B67692



ED8AB5



76B679



5C5357



9C0044

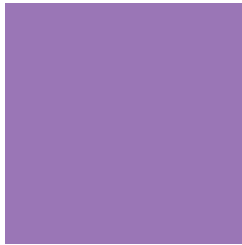


1C000C



# Previews

## White Background



This preview shows how the Hex color 9A76B6 looks on a white background.

## Color Contrast Check

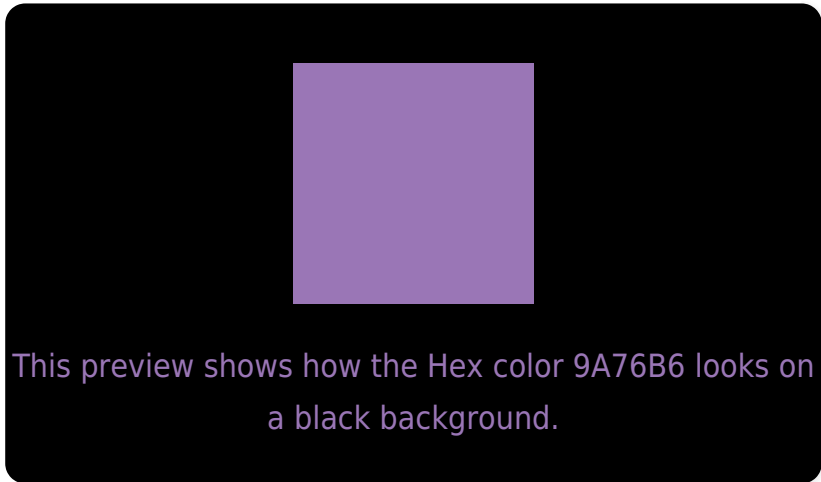
Large Text (above 18pt) WCAG AA ✓ Pass

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

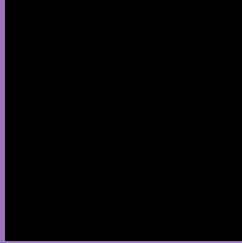
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A76B6 Background



This preview shows how black text looks on a background with the Hex color 9A76B6.



This preview shows how white text looks on a background with the Hex color 9A76B6.

# 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**  
9A76B6

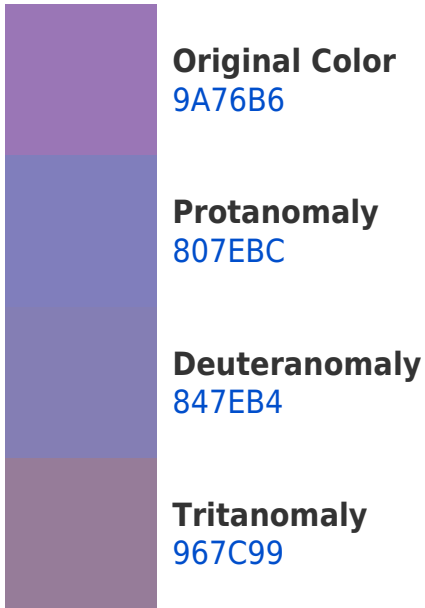
**Protanopia**  
7183C0

**Deuteranopia**  
7783B3

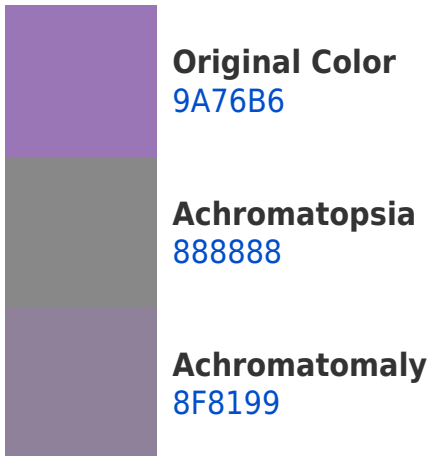


**Tritanopia**  
937F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A76B6 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 #9A76B6 looks like.

```
.text, #text, p{  
    color:#9A76B6  
}
```

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 #9A76B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A76B6
}
```

## Border

The CSS property to change the border of an element to Hex 9A76B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

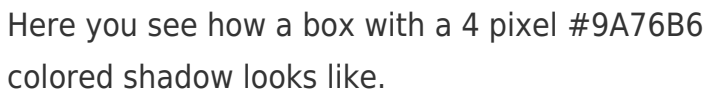
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A76B6 }
```

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

```
.border{ border-color:#9A76B6 }
```

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



Here you see how a box with a 4 pixel #9A76B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A76B6; -webkit-box-shadow:4px 4px  
4px 4px #9A76B6; box-shadow:4px 4px 4px  
4px #9A76B6 }
```

# Background

The CSS property to change the background color of an element to Hex 9A76B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A76B6 }
```

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

```
.background{ background-color:#9A76B6 }
```

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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