

# Converting Colors

Hex(9706C6)

Have a look what the booklet for  
Hex(9706C6) contains.

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**Color**

**Hex(9706C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9706C6
RGB	151, 6, 198
RGB Percent	59%, 2%, 78%
CMY	0.4078, 0.9765, 0.2235
CMYK	0.24, 0.97, 0.00, 0.22
HSL	285°, 94%, 40%
HSV	285°, 97%, 78%
XYZ	23.0207, 10.7868, 54.2948
YIQ	71.2430, 24.7880, 90.4520

# Conversions

## Conversions Part 2

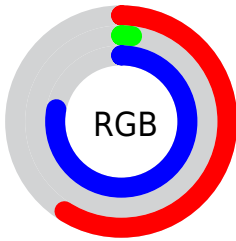
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 6, 198
Decimal	9897670
CIE <sub>Lab</sub>	39.22, 73.66, -63.39
CIE <sub>LCh</sub>	39, 97.181, 319.284
Yxy	10.7868, 0.2613, 0.1224
Android (android.graphics.Color)	4288087750 (0xFF9706C6)
<b>YUV</b>	71.2430, 62.4912, 69.9469
Hunter-Lab	32.8432, 67.6396, -75.0251

# Details

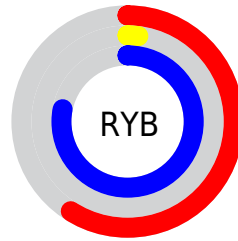
The Hex color **9706C6** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **35C606**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D254FF**, and **5D008F** is the 20% darker color. If you saturate the color by 10%, you get **9600C6**, and if you desaturate by 10%, it is **9C1AC6**.

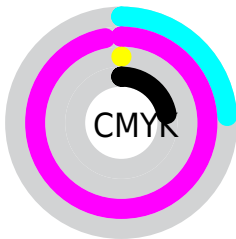
# Distribution



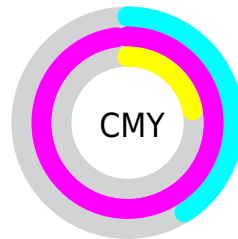
- Red (59%)
- Green (2%)
- Blue (78%)



- Red (59%)
- Yellow (2%)
- Blue (78%)



- Cyan (24%)
- Magenta (97%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (98%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9706C6 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 9706C6 by changing the saturation by 10% instead.



 9706C6

 9706C6

FFFFFF

 7A00AA

 D254FF

 5D008F

 F071FF

 400074

 FF8DFF

 24005B

 FFAAFF

 000042

 FFC7FF

 00032B

 FFE5FF

 000115

 000000

 9706C6

 9706C6

9600C6

9C1AC6

A12EC6

A641C6

AA55C6

AF69C6

B47DC6

B991C6

BEA4C6

C3B8C6

# Harmonies

## Analogous

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



0056F7



9706C6



D3007C

# Triad

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



9706C6



884F00



00798F

# Complementary

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



9706C6



35C606

# 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.



00773C



9706C6



3F6800

# Square

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



9706C6



BD0200



007200



0079D6

# Rectangle

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



9706C6



DC0049



007200



007874



# Sweetspot

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



9706C6



EDB5FF



0636C6



755380



000000



808080



# Same Dimension

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



9706C6



C100FF



C60696



615A63



7B00A3



1B0024



# Inverse Universe

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



C60635



FF003E



06C636



635A5C



A30028



240009



# Previews

## White Background



This preview shows how the Hex color 9706C6 looks on a white background.

## Color Contrast Check

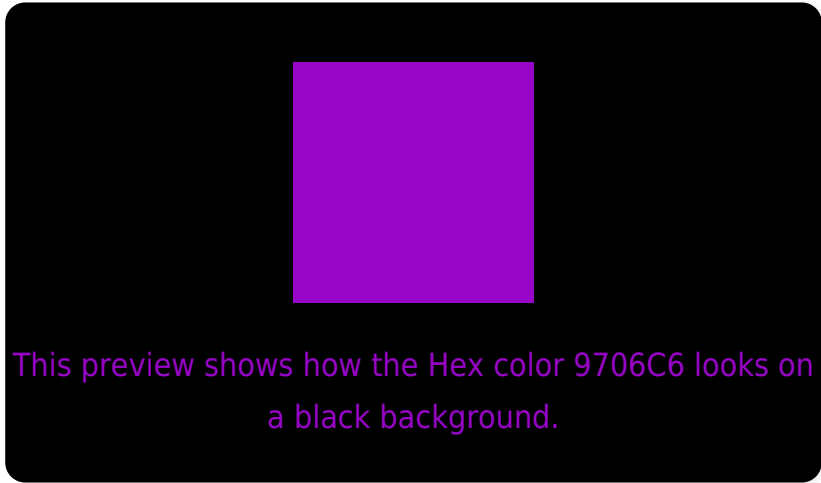
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

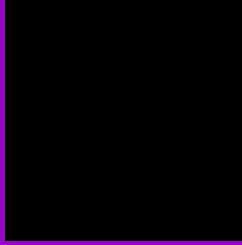
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9706C6 Background



This preview shows how black text looks on a background with the Hex color 9706C6.




This preview shows how white text looks on a background with the Hex color 9706C6.

# 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](#).

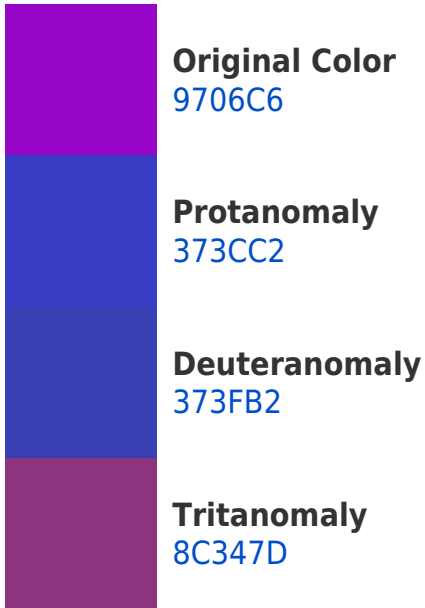
## Dichromacy



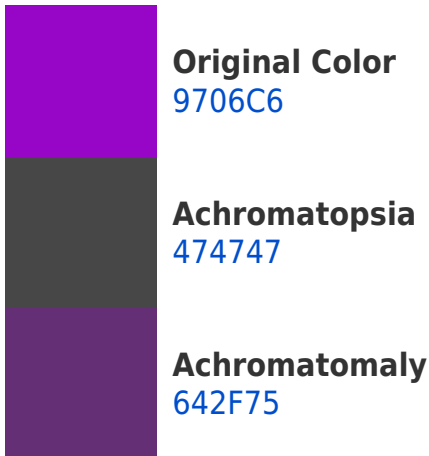


**Tritanopia**  
864E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9706C6 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 #9706C6 looks like.

```
.text, #text, p{  
    color:#9706C6  
}
```

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 #9706C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9706C6
}
```

## Border

The CSS property to change the border of an element to Hex 9706C6 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".

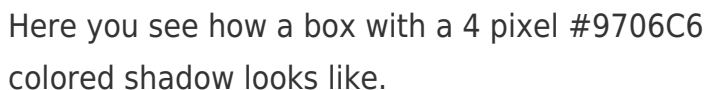
```
.border, #border, table{ border:4px solid
#9706C6 }
```

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

```
.border{ border-color:#9706C6 }
```

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

Here you see how a box with a 4 pixel #9706C6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9706C6; -webkit-box-shadow:4px 4px  
4px 4px #9706C6; box-shadow:4px 4px 4px  
4px #9706C6 }
```

# Background

The CSS property to change the background color of an element to Hex 9706C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9706C6 }
```

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

```
.background{ background-color:#9706C6 }
```

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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