

# Converting Colors

Hex(9690C5)

Have a look what the booklet for  
Hex(9690C5) contains.

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# **Color**

**Hex(9690C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9690C5
RGB	150, 144, 197
RGB Percent	59%, 56%, 77%
CMY	0.4118, 0.4353, 0.2275
CMYK	0.24, 0.27, 0.00, 0.23
HSL	247°, 31%, 67%
HSV	247°, 27%, 77%
XYZ	32.6290, 30.4618, 56.9833
YIQ	151.8360, -13.4370, 17.7550

# Conversions

## Conversions Part 2

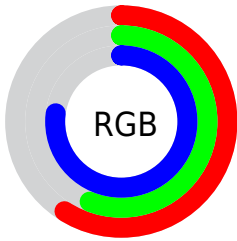
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 144, 197
Decimal	9867461
CIELab	62.05, 13.67, -26.60
CIELCh	62, 29.912, 297.204
Yxy	30.4618, 0.2717, 0.2537
Android (android.graphics.Color)	4288057541 (0xFF9690C5)
YUV	151.8360, 22.2659, -1.6102
Hunter-Lab	55.1922, 8.9408, -22.5796

# Details

The Hex color **9690C5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BFC590**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CDC6FE**, and **625E8F** is the 20% darker color. If you saturate the color by 10%, you get **857CC5**, and if you desaturate by 10%, it is **A7A4C5**.

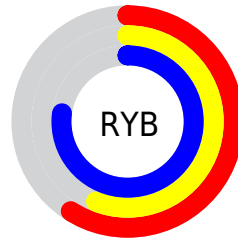
# Distribution



Red (59%)

Green (56%)

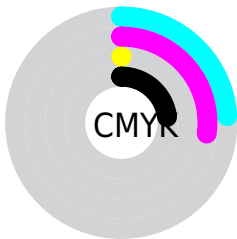
Blue (77%)



Red (59%)

Yellow (56%)

Blue (77%)

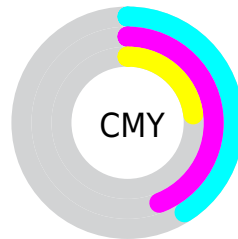


Cyan (24%)

Magenta (27%)

Yellow (0%)

Black (23%)



Cyan (41%)

Magenta (44%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9690C5 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 9690C5 by changing the saturation by 10% instead.



■ 9690C5

FFFFFF

■ CDC6FE

■ E9E2FF

FFFEFF

■ 9690C5

■ 9690C5

■ 7C76AA

■ 625E8F

■ 494675

■ 31305C

■ 191B45

■ 04002E

■ 000119

■ 000000

■ 9690C5

857CC5

A7A4C5

7369C5

B9B7C5

6255C5

CACBC5

5041C5

DCDFC5

3F2EC5

EDF3C5

2D1AC5

FFFFC5

1C06C5

1600C5

# Harmonies

## Analogous

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



6E99CA



9690C5



B587B3

# Triad

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



9690C5



BF8A6A



51A492

# Complementary

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



9690C5



BFC590

# 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.



70A178



9690C5



AA9361

# Square

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



9690C5



CA847F



8F9C66



3BA4AD

# Rectangle

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



9690C5



C383A2



8F9C66



5BA489



# Sweetspot

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



9690C5



EDEBFF



90C0C5



747380



000000



808080



# Same Dimension

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



9690C5



B7ADFF



B090C5



5B5A63



1200A3



040024



# Inverse Universe

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



C590BF



FFADF6



A5C590



635A62



A30091



240020



# Previews

## White Background



This preview shows how the Hex color 9690C5 looks on a white background.

## Color Contrast Check

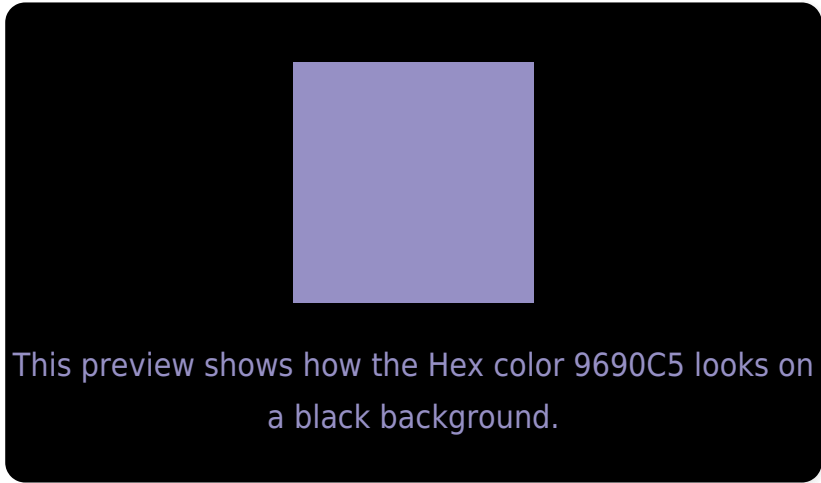
Large Text (above 18pt) WCAG AA × Fail

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

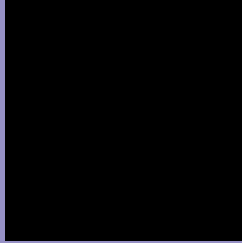
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9690C5 Background



This preview shows how black text looks on a background with the Hex color 9690C5.

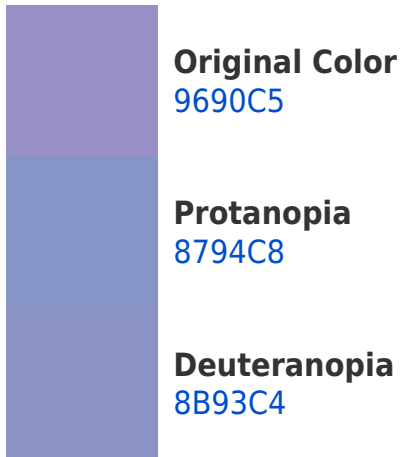


This preview shows how white text looks on a background with the Hex color 9690C5.

# 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**  
8F96A2

# Trichromacy



**Original Color**  
9690C5

**Protanomaly**  
8C93C7

**Deuteranomaly**  
8F92C4

**Tritanomaly**  
9294AF

# Monochromacy



**Original Color**  
9690C5

**Achromatopsia**  
989898

**Achromatomaly**  
9795A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9690C5 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 #9690C5 looks like.

```
.text, #text, p{  
    color:#9690C5  
}
```

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 #9690C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9690C5
}
```

## Border

The CSS property to change the border of an element to Hex 9690C5 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
#9690C5 }
```

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

```
.border{ border-color:#9690C5 }
```

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

Here you see how a box with a 4 pixel #9690C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9690C5; -webkit-box-shadow:4px 4px  
4px 4px #9690C5; box-shadow:4px 4px 4px  
4px #9690C5 }
```

# Background

The CSS property to change the background color of an element to Hex 9690C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9690C5 }
```

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

```
.background{ background-color:#9690C5 }
```

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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