

# Converting Colors

Hex(9690BE)

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

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# **Color**

**Hex(9690BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9690BE
RGB	150, 144, 190
RGB Percent	59%, 56%, 75%
CMY	0.4118, 0.4353, 0.2549
CMYK	0.21, 0.24, 0.00, 0.25
HSL	248°, 26%, 65%
HSV	248°, 24%, 75%
XYZ	31.8452, 30.1483, 52.8560
YIQ	151.0380, -11.1900, 15.5780

# Conversions

## Conversions Part 2

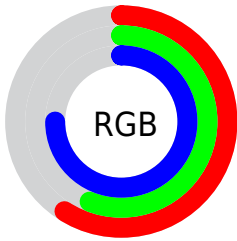
Format	Color
R <sub>Y</sub> B	150, 144, 190
Decimal	9867454
CIE Lab	61.78, 12.01, -23.08
CIE LCh	62, 26.014, 297.487
Yxy	30.1483, 0.2773, 0.2625
Android (android.graphics.Color)	4288057534 (0xFF9690BE)
YUV	151.0380, 19.2083, -0.9103
Hunter-Lab	54.9074, 7.4384, -18.6396

# Details

The Hex color **9690BE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B8BE90**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CDC6F6**, and **625E88** is the 20% darker color. If you saturate the color by 10%, you get **857DBE**, and if you desaturate by 10%, it is **A7A3BE**.

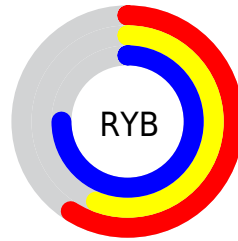
# Distribution



Red (59%)

Green (56%)

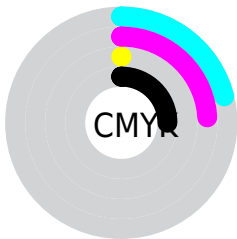
Blue (75%)



Red (59%)

Yellow (56%)

Blue (75%)

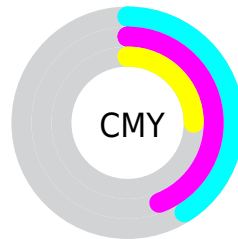


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (44%)

Yellow (25%)

# Brightness & Saturation Gradients

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



■ 9690BE

■ 9690BE

FFFFFF

■ 7C76A3

■ CDC6F6

■ 625E88

■ E9E2FF

■ 4A466F

FFFEFF

■ 323056

■ 1B1B3F

■ 070029

■ 000113

■ 000000

■ 9690BE

■ 9690BE

857DBE

A7A3BE

756ABE

B7B6BE

6457BE

C8C9BE

5444BE

D8DCBE

4331BE

E9EFBE

331EBE

F9FFBE

220BBE

FFFFBE

1900BE

# Harmonies

## Analogous

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



7598C3



9690BE



B188AE

# Triad

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



9690BE



BA8B6F



5CA292

# Complementary

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



9690BE



B8BE90

# 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.



759F7C



9690BE



A79367

# Square

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



9690BE



C38681



8F9A6C



4DA2AA

# Rectangle

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



9690BE



BD85A0



8F9A6C



63A18A



# Sweetspot

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



9690BE



E8E6F7



90B9BE



74737D



FCFCFC



7D7D7D



# Same Dimension

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



9690BE



B9B0F7



AC90BE



56555E



15009E



04001F



# Inverse Universe

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



BE90B8



F7B0EE



A2BE90



5E555D



9E0089



1F001B



# Previews

## White Background



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

## Color Contrast Check

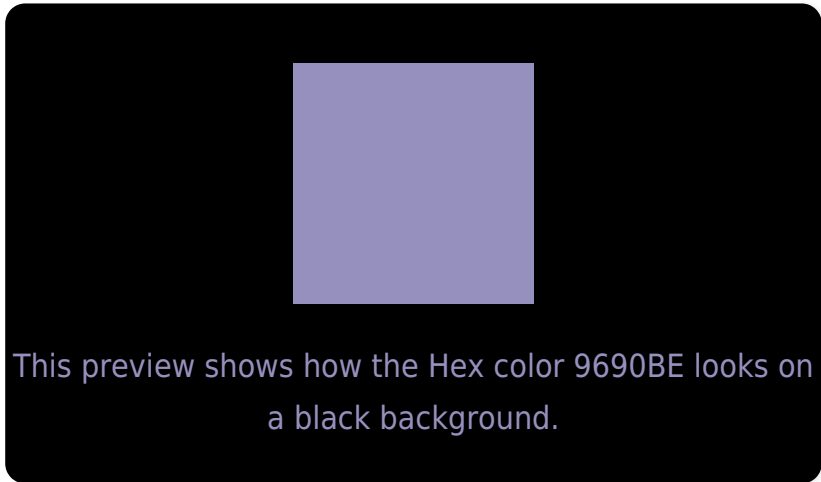
Large Text (above 18pt) WCAG AA × Fail

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

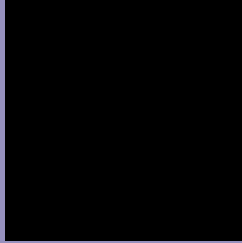
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9690BE Background



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



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

# 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**  
9195A1

# Trichromacy



**Original Color**  
9690BE

**Protanomaly**  
8E93C0

**Deuteranomaly**  
9291BE

**Tritanomaly**  
9393AC

# Monochromacy



**Original Color**  
9690BE

**Achromatopsia**  
979797

**Achromatomaly**  
9794A5

# CSS Examples

## Text

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

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

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 #9690BE colored shadow looks like.

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

## Border

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

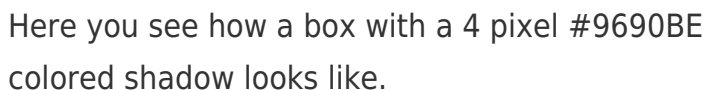
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9690BE }
```

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

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

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow that is 4 pixels wide and 4 pixels high. The shadow is visible on the right and bottom edges of the box.

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

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

# Background

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

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

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

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

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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