

# Converting Colors

Hex(9753C7)

Have a look what the booklet for  
Hex(9753C7) contains.

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**Color**

**Hex(9753C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9753C7
RGB	151, 83, 199
RGB Percent	59%, 33%, 78%
CMY	0.4078, 0.6745, 0.2196
CMYK	0.24, 0.58, 0.00, 0.22
HSL	275°, 51%, 55%
HSV	275°, 58%, 78%
XYZ	26.1646, 16.8893, 55.9138
YIQ	116.5560, 3.2920, 50.4920

# Conversions

## Conversions Part 2

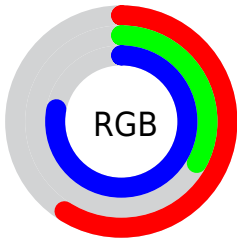
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 83, 199
Decimal	9917383
CIE <sub>Lab</sub>	48.12, 48.88, -49.61
CIE <sub>LCh</sub>	48, 69.640, 314.576
Yxy	16.8893, 0.2644, 0.1707
Android (android.graphics.Color)	4288107463 (0xFF9753C7)
YUV	116.5560, 40.6449, 30.2074
Hunter-Lab	41.0966, 41.7245, -51.8990

# Details

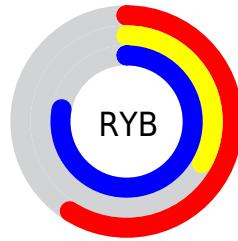
The Hex color **9753C7** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **83C753**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D087FF**, and **601F90** is the 20% darker color. If you saturate the color by 10%, you get **8F3FC7**, and if you desaturate by 10%, it is **9F67C7**.

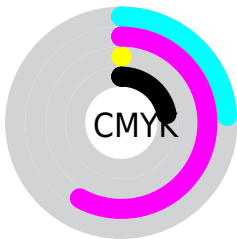
# Distribution



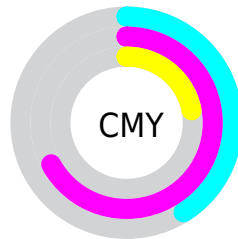
- Red (59%)
- Green (33%)
- Blue (78%)



- Red (59%)
- Yellow (33%)
- Blue (78%)



- Cyan (24%)
- Magenta (58%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (67%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9753C7 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 9753C7 by changing the saturation by 10% instead.



9753C7

9753C7

FFFFFF

7B39AB

D087FF

601F90

EDA2FF

450076

FFBEFF

2A005D

FFDBFF

100045

FFF8FF

00032D

000117

000000

9753C7

9753C7

 8F3FC7

 9F67C7

 872BC7

 A77BC7

 7E17C7

 B08FC7

 7603C7

 B8A3C7

 7500C7

 C0B7C7

 C8CAC7

 D1DEC7

 D9F2C7

 E1FFC7

# Harmonies

## Analogous

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



0070E5



9753C7



CA3193

# Triad

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



9753C7



A36400



008C8E

# Complementary

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



9753C7



83C753

# 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.



008A51



9753C7



707800

# Square

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



9753C7



C8471F



21840A



008AC4

# Rectangle

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



9753C7



D7256C



21840A



008C7A



# Sweetspot

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



9753C7



EDD4FF



5383C7



756680



000000



808080



# Same Dimension

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



9753C7



B54DFF



C753BD



5F5A63



6000A3



150024



# Inverse Universe

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



C75383



FF4D96



53C75D



635A5E



A30044

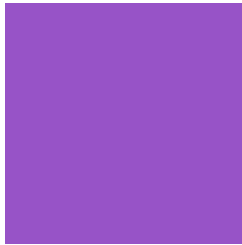


24000F



# Previews

## White Background



This preview shows how the Hex color 9753C7 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

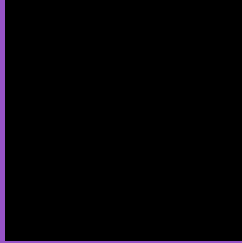
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9753C7 Background



This preview shows how black text looks on a background with the Hex color 9753C7.

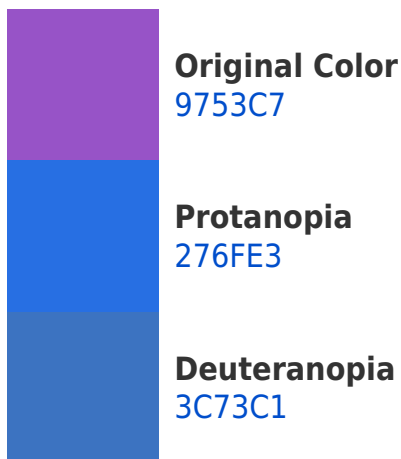


This preview shows how white text looks on a background with the Hex color 9753C7.

# 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](#).

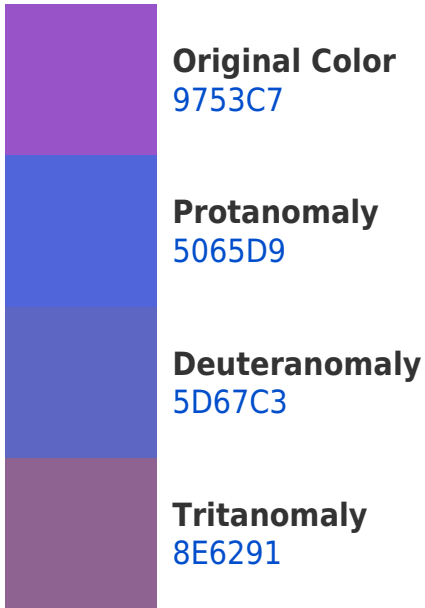
## Dichromacy





**Tritanopia**  
896A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9753C7 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 #9753C7 looks like.

```
.text, #text, p{  
    color:#9753C7  
}
```

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 #9753C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9753C7
}
```

## Border

The CSS property to change the border of an element to Hex 9753C7 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
#9753C7 }
```

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

```
.border{ border-color:#9753C7 }
```

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

Here you see how a box with a 4 pixel #9753C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9753C7; -webkit-box-shadow:4px 4px  
4px 4px #9753C7; box-shadow:4px 4px 4px  
4px #9753C7 }
```

# Background

The CSS property to change the background color of an element to Hex 9753C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9753C7 }
```

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

```
.background{ background-color:#9753C7 }
```

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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