

# Converting Colors

Hex(9674E6)

Have a look what the booklet for  
Hex(9674E6) contains.

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# Color

**Hex(9674E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9674E6
RGB	150, 116, 230
RGB Percent	59%, 45%, 90%
CMY	0.4118, 0.5451, 0.0980
CMYK	0.35, 0.50, 0.00, 0.10
HSL	258°, 70%, 68%
HSV	258°, 50%, 90%
XYZ	33.1060, 24.6880, 77.8833
YIQ	139.1620, -16.3300, 42.6620

# Conversions

## Conversions Part 2

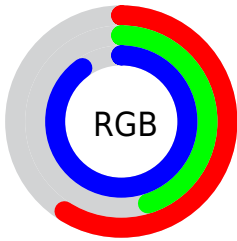
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	150, 116, 230
Decimal	9860326
CIE Lab	56.77, 38.13, -53.40
CIE LCh	57, 65.617, 305.531
Yxy	24.6880, 0.2440, 0.1820
Android (android.graphics.Color)	4288050406 (0xFF9674E6)
YUV	139.1620, 44.7831, 9.5049
Hunter-Lab	49.6870, 31.9807, -58.1549

# Details

The Hex color **9674E6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C4E674**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CFA9FF**, and **5E43AE** is the 20% darker color. If you saturate the color by 10%, you get **865DE6**, and if you desaturate by 10%, it is **A68BE6**.

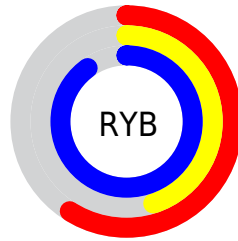
# Distribution



Red (59%)

Green (45%)

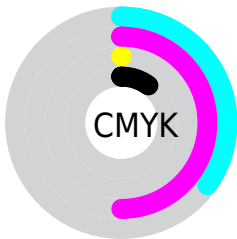
Blue (90%)



Red (59%)

Yellow (45%)

Blue (90%)

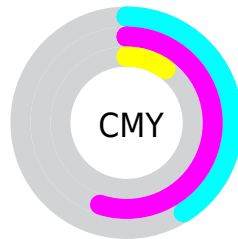


Cyan (35%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (41%)

Magenta (55%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9674E6 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 9674E6 by changing the saturation by 10% instead.



9674E6

9674E6

FFFFFF

7A5BCA

CFA9FF

5E43AE

EDC4FF

422B93

FFE0FF

241578

FFFDFF

00005F

000046

00042F

000119

000000

 9674E6

 9674E6

 865DE6

 A68BE6

 7646E6

 B6A2E6

 662FE6

 C6B9E6

 5518E6

 D7D0E6

 4501E6

 E7E7E6

 4500E6

 F7FEE6

 FFFFE6

# Harmonies

## Analogous

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



008CFB



9674E6



D459B9

# Triad

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



9674E6



C87315



00A292

# Complementary

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



9674E6



C4E674

# 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.



009F56



9674E6



9A8900

# Square

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



9674E6



E65A49



5D971D



00A1C9

# Rectangle

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



9674E6



E94D93



5D971D



00A27E



# Sweetspot

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



9674E6



E4D9FF



74C6E6



6F6980



000000



808080



# Same Dimension

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



9674E6



9569FF



CD74E6



6B6773



3500B3



0F0033



# Inverse Universe

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



E674C4



FF69D2



8DE674



73676F



B3007D

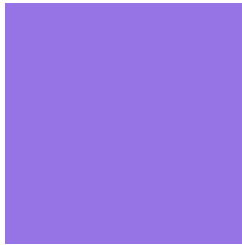


330024



# Previews

## White Background



This preview shows how the Hex color 9674E6 looks on a white background.

## Color Contrast Check

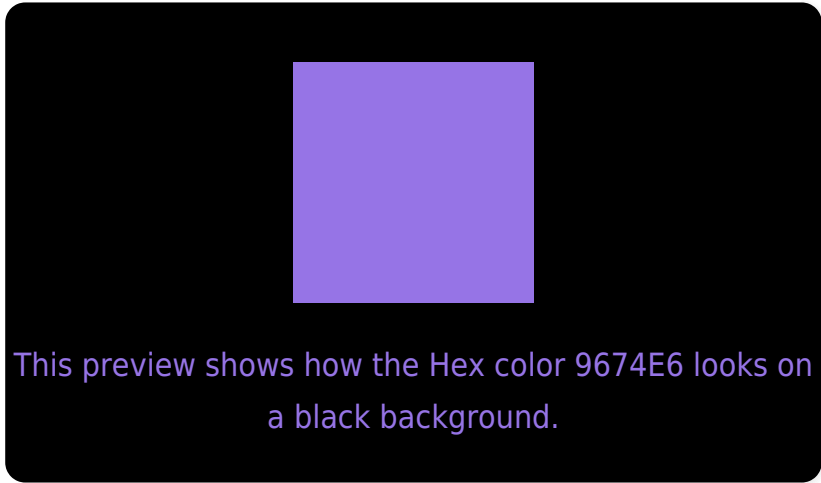
Large Text (above 18pt) WCAG AA ✓ Pass

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

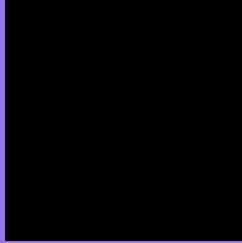
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9674E6 Background



This preview shows how black text looks on a background with the Hex color 9674E6.

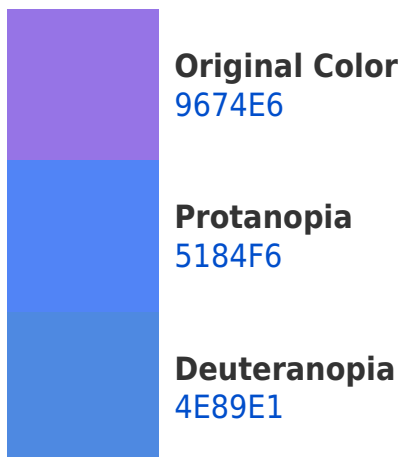


This preview shows how white text looks on a background with the Hex color 9674E6.

# 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](#).

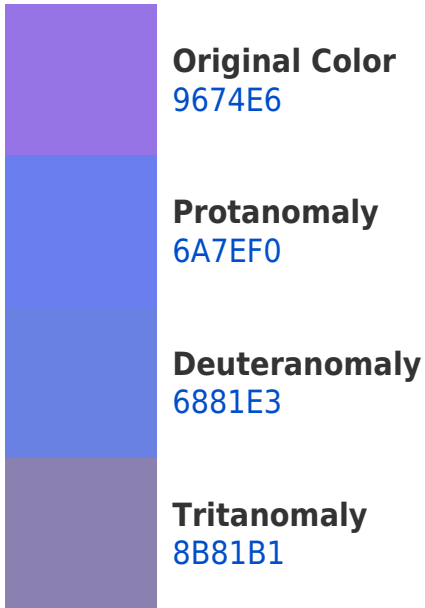
## Dichromacy





**Tritanopia**  
848893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9674E6 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 #9674E6 looks like.

```
.text, #text, p{  
    color:#9674E6  
}
```

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 #9674E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9674E6
}
```

## Border

The CSS property to change the border of an element to Hex 9674E6 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
#9674E6 }
```

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

```
.border{ border-color:#9674E6 }
```

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

Here you see how a box with a 4 pixel #9674E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9674E6; -webkit-box-shadow:4px 4px  
4px 4px #9674E6; box-shadow:4px 4px 4px  
4px #9674E6 }
```

# Background

The CSS property to change the background color of an element to Hex 9674E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9674E6 }
```

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

```
.background{ background-color:#9674E6 }
```

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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