

# Converting Colors

Hex(9964CF)

Have a look what the booklet for  
Hex(9964CF) contains.

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# Color

**Hex(9964CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9964CF
RGB	153, 100, 207
RGB Percent	60%, 39%, 81%
CMY	0.4000, 0.6078, 0.1882
CMYK	0.26, 0.52, 0.00, 0.19
HSL	270°, 53%, 60%
HSV	270°, 52%, 81%
XYZ	28.9565, 20.3916, 61.4413
YIQ	128.0450, -2.7590, 44.5130

# Conversions

## Conversions Part 2

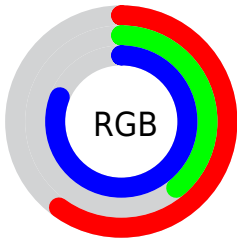
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 100, 207
Decimal	10052815
CIE <sub>Lab</sub>	52.28, 42.14, -47.55
CIE <sub>LCh</sub>	52, 63.537, 311.548
Yxy	20.3916, 0.2614, 0.1841
Android (android.graphics.Color)	4288242895 (0xFF9964CF)
YUV	128.0450, 38.9248, 21.8855
Hunter-Lab	45.1571, 35.4363, -49.0607

# Details

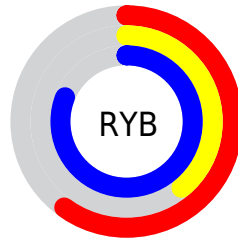
The Hex color **9964CF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9ACF64**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D298FF**, and **633298** is the 20% darker color. If you saturate the color by 10%, you get **8F4FCF**, and if you desaturate by 10%, it is **A379CF**.

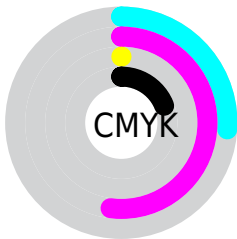
# Distribution



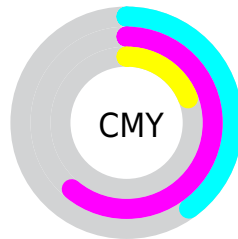
- Red (60%)
- Green (39%)
- Blue (81%)



- Red (60%)
- Yellow (39%)
- Blue (81%)



- Cyan (26%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (61%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9964CF 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 9964CF by changing the saturation by 10% instead.



 9964CF

 9964CF

FFFFFF

 7E4BB3

 D298FF

 633298

 EFB4FF

 481A7E

 FFD0FF

 2D0064

 FFECFF

 12004C

 000034

 00021E

 000000

 9964CF

 9964CF

8F4FCF

A379CF

843BCF

AE8DCF

7A26CF

B8A2CF

6F11CF

C3B7CF

6700CF

CDCCCCF

D8E0CF

E2F5CF

EDFFCF

F7FFCF

# Harmonies

## Analogous

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



0D7CE8



9964CF



CD4AA1

# Triad

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



9964CF



B16E00



009691

# Complementary

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



9964CF



9ACF64

# 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.



009358



9964CF



828100

# Square

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



9964CF



D25536



448D21



0094C4

# Rectangle

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



9964CF



DB427C



448D21



00957E



# Sweetspot

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



9964CF



EAD6FF



649BCF



736780



000000



808080



# Same Dimension

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



9964CF



AF61FF



CD64CF



635E69



5300A8



140029



# Inverse Universe

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



CF649A



FF61B1



66CF64



695E63



A80055

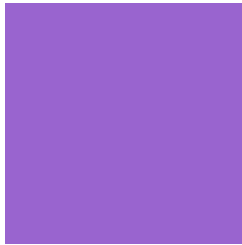


290015



# Previews

## White Background



This preview shows how the Hex color 9964CF looks on a white background.

## Color Contrast Check

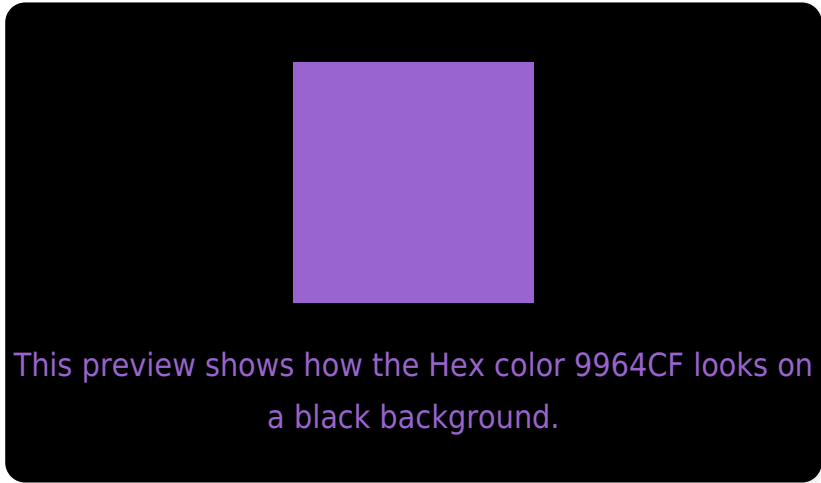
Large Text (above 18pt) WCAG AA ✓ Pass

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

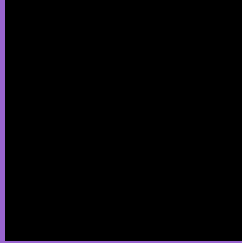
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9964CF Background



This preview shows how black text looks on a background with the Hex color 9964CF.

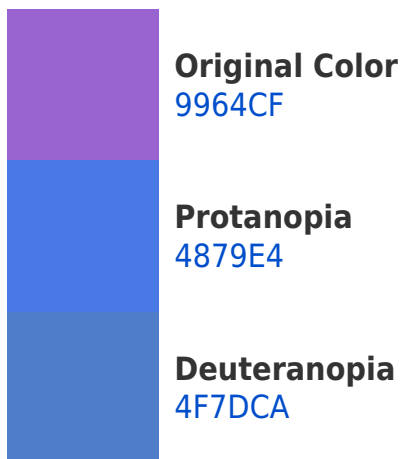


This preview shows how white text looks on a background with the Hex color 9964CF.

# 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](#).

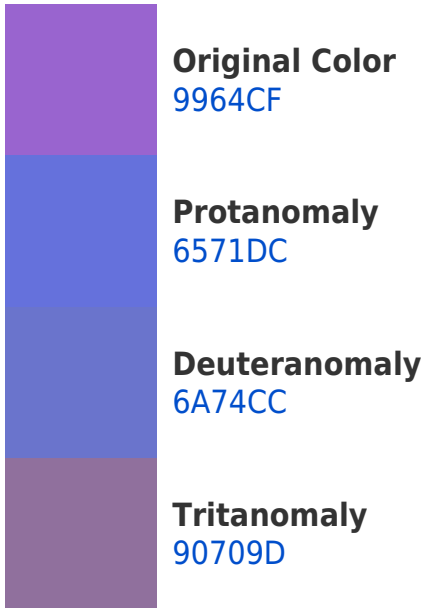
## Dichromacy



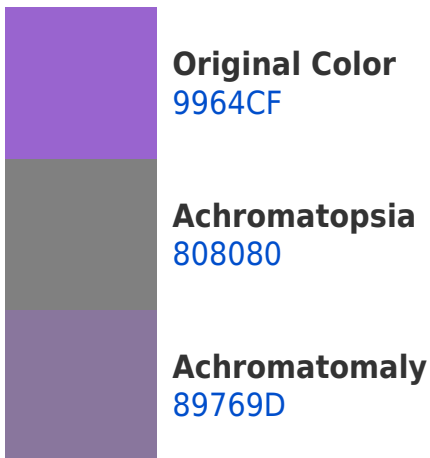


**Tritanopia**  
8B7781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9964CF 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 #9964CF looks like.

```
.text, #text, p{  
    color:#9964CF  
}
```

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 #9964CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9964CF
}
```

## Border

The CSS property to change the border of an element to Hex 9964CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

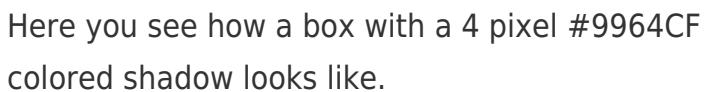
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9964CF }
```

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

```
.border{ border-color:#9964CF }
```

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



Here you see how a box with a 4 pixel #9964CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9964CF; -webkit-box-shadow:4px 4px  
4px 4px #9964CF; box-shadow:4px 4px 4px  
4px #9964CF }
```

# Background

The CSS property to change the background color of an element to Hex 9964CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9964CF }
```

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

```
.background{ background-color:#9964CF }
```

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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