

# Converting Colors

Hex(9664D5)

Have a look what the booklet for  
Hex(9664D5) contains.

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# Color

Hex(9664D5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9664D5
RGB	150, 100, 213
RGB Percent	59%, 39%, 84%
CMY	0.4118, 0.6078, 0.1647
CMYK	0.30, 0.53, 0.00, 0.16
HSL	267°, 57%, 61%
HSV	267°, 53%, 84%
XYZ	29.1451, 20.4025, 65.3527
YIQ	127.8320, -6.4730, 45.7430

# Conversions

## Conversions Part 2

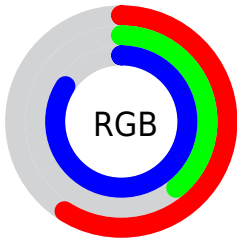
Format	Color
R <sub>Y</sub> B	150, 100, 213
Decimal	9856213
CIE Lab	52.29, 42.82, -50.97
CIE LCh	52, 66.565, 310.034
Yxy	20.4025, 0.2537, 0.1776
Android (android.graphics.Color)	4288046293 (0xFF9664D5)
YUV	127.8320, 41.9878, 19.4413
Hunter-Lab	45.1691, 36.1302, -54.1652

# Details

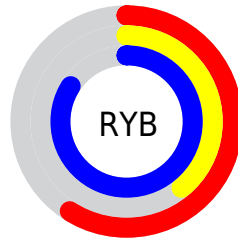
The Hex color **9664D5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A3D564**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CF98FF**, and **5F339E** is the 20% darker color. If you saturate the color by 10%, you get **8A4FD5**, and if you desaturate by 10%, it is **A279D5**.

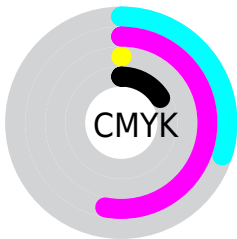
# Distribution



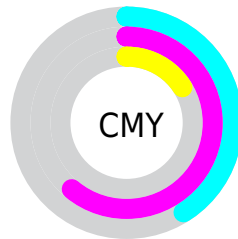
- Red (59%)
- Green (39%)
- Blue (84%)



- Red (59%)
- Yellow (39%)
- Blue (84%)



- Cyan (30%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (61%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9664D5 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 9664D5 by changing the saturation by 10% instead.



9664D5

9664D5

FFFFFF

7A4BB9

CF98FF

5F339E

ECB4FF

441A83

FFCFFF

270069

FFECFF

080050

000038

000222

000008

000000

9664D5

9664D5

8A4FD5

A279D5

7E39D5

AE8FD5

7224D5

BAA4D5

660FD5

C6B9D5

5E00D5

D1CFD5

DDE4D5

E9F9D5

F5FFD5

FFFFD5

# Harmonies

## Analogous

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



007DEE



9664D5



CE47A5

# Triad

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



9664D5



B56C00



00968F

# Complementary

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



9664D5



A3D564

# 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.



009453



9664D5



858000

# Square

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



9664D5



D65136



448D16



0095C5

# Rectangle

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



9664D5



DE3C7F



448D16



00967B



# Sweetspot

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



9664D5



E8D6FF



64A4D5



726780



000000



808080



# Same Dimension

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



9664D5



A45CFF



CD64D5



65606B



4C00AB



13002B



# Inverse Universe

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



D564A3



FF5CB7



6CD564



6B6066



AB005F

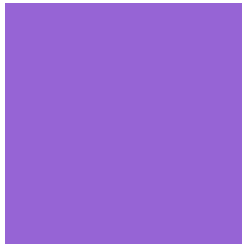


2B0018



# Previews

## White Background



This preview shows how the Hex color 9664D5 looks on a white background.

## Color Contrast Check

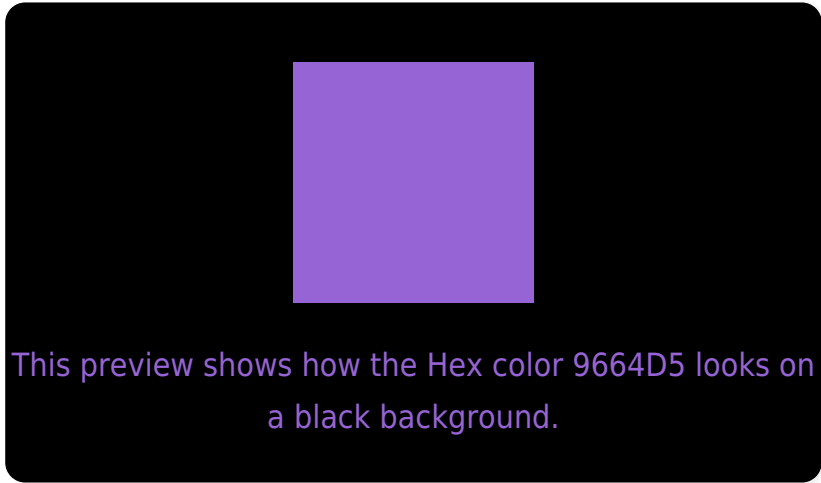
Large Text (above 18pt) WCAG AA ✓ Pass

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 9664D5 Background



This preview shows how black text looks on a background with the Hex color 9664D5.

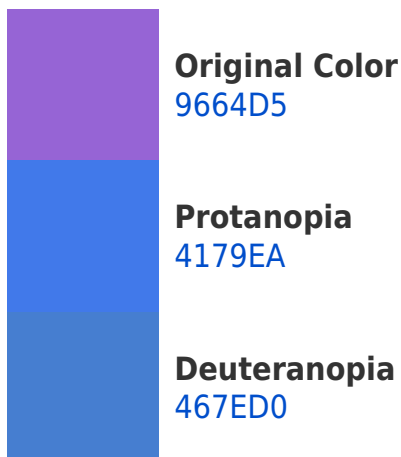


This preview shows how white text looks on a background with the Hex color 9664D5.

# 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](#).

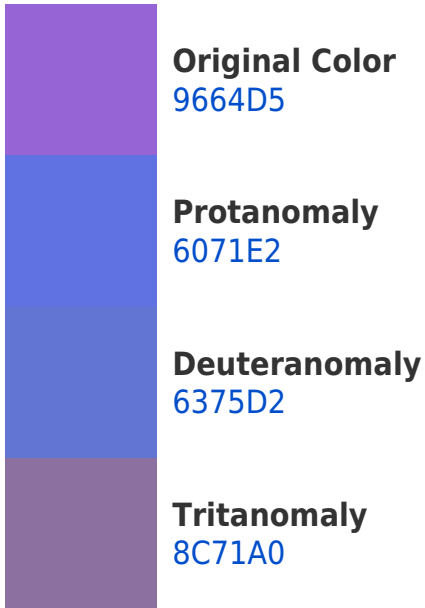
## Dichromacy



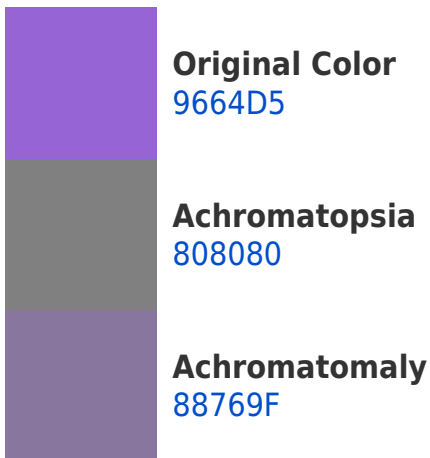


**Tritanopia**  
867982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9664D5 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 #9664D5 looks like.

```
.text, #text, p{  
    color:#9664D5  
}
```

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 #9664D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9664D5
}
```

## Border

The CSS property to change the border of an element to Hex 9664D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

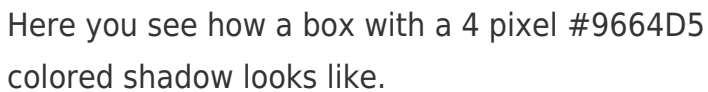
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9664D5 }
```

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

```
.border{ border-color:#9664D5 }
```

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



Here you see how a box with a 4 pixel #9664D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9664D5; -webkit-box-shadow:4px 4px  
4px 4px #9664D5; box-shadow:4px 4px 4px  
4px #9664D5 }
```

# Background

The CSS property to change the background color of an element to Hex 9664D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9664D5 }
```

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

```
.background{ background-color:#9664D5 }
```

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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