

# Converting Colors

Hex(9464D1)

Have a look what the booklet for  
Hex(9464D1) contains.

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# Color

**Hex(9464D1)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9464D1                     |
| RGB         | 148, 100, 209              |
| RGB Percent | 58%, 39%, 82%              |
| CMY         | 0.4196, 0.6078, 0.1804     |
| CMYK        | 0.29, 0.52, 0.00, 0.18     |
| HSL         | 266°, 54%, 61%             |
| HSV         | 266°, 52%, 82%             |
| XYZ         | 28.2785, 20.0137, 62.6942  |
| YIQ         | 126.7780, -6.3810, 44.0750 |

# Conversions

## Conversions Part 2

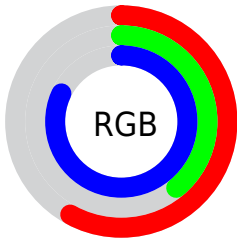
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">148, 100, 209</a>                  |
| Decimal                             | <a href="#">9725137</a>                        |
| CIELab                              | <a href="#">51.85, 41.32, -49.40</a>           |
| CIELCh                              | <a href="#">52, 64.405, 309.913</a>            |
| Yxy                                 | <a href="#">20.0137, 0.2548,<br/>0.1803</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4287915217<br/>(0xFF9464D1)</a>    |
| YUV                                 | <a href="#">126.7780, 40.5354,<br/>18.6117</a> |
| Hunter-Lab                          | <a href="#">44.7367, 34.5426,<br/>-51.7736</a> |

# Details

The Hex color **9464D1** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A1D164**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CD98FF**, and **5D339A** is the 20% darker color. If you saturate the color by 10%, you get **884FD1**, and if you desaturate by 10%, it is **A079D1**.

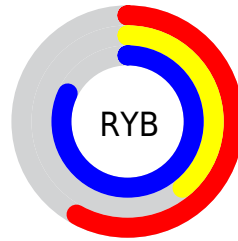
# Distribution



Red (58%)

Green (39%)

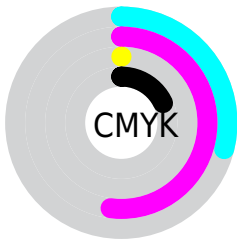
Blue (82%)



Red (58%)

Yellow (39%)

Blue (82%)

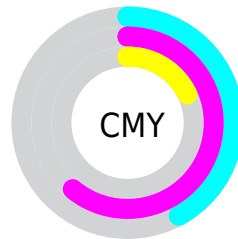


Cyan (29%)

Magenta (52%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (61%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9464D1 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 9464D1 by changing the saturation by 10% instead.



■ 9464D1

■ 9464D1

FFFFFF

■ 784BB5

■ CD98FF

■ 5D339A

■ EAB3FF

■ 421B7F

■ FFCFFF

■ 260166

■ FFECFF

■ 09004D

■ 000035

■ 00021F

■ 000002

■ 000000

9464D1

9464D1

884FD1

A079D1

7D3AD1

AB8ED1

7125D1

B7A3D1

6510D1

C3B8D1

5C00D1

CECDD1

DAE1D1

E6F6D1

F2FFD1

FDFFD1

# Harmonies

## Analogous

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



007CE9



9464D1



CA49A3

# Triad

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



9464D1



B26B00



00958D

# Complementary

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



9464D1



A1D164

# 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.



009253



9464D1



847F00

# Square

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



9464D1



D25237



468C1A



0093C1

# Rectangle

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



9464D1



DA3F7E



468C1A



00947A



# Sweetspot

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



9464D1



E8D6FF



64A2D1



726780



000000



808080



# Same Dimension

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



9464D1



A55EFF



CA64D1



635E69



4A00A8



120029



# Inverse Universe

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



D164A1



FF5EB8



6BD164



695E64



A8005E

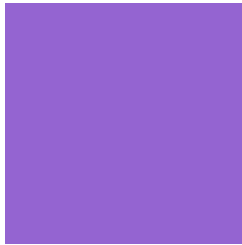


290017



# Previews

## White Background



This preview shows how the Hex color 9464D1 looks on a white background.

## Color Contrast Check

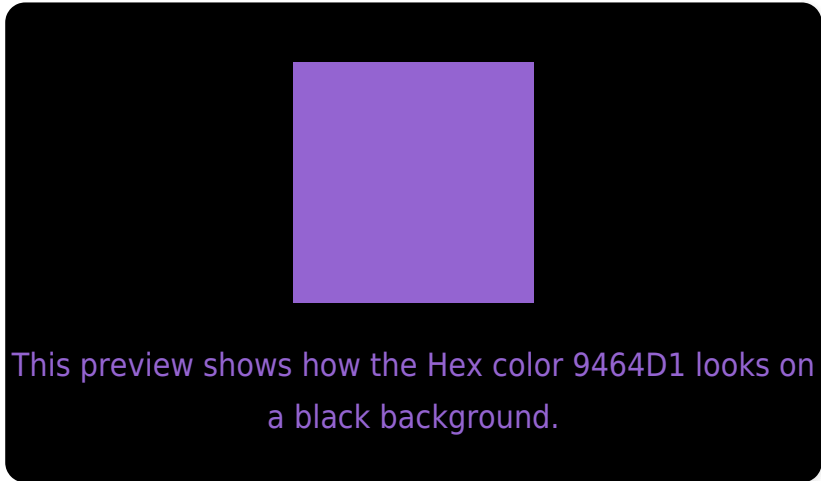
Large Text (above 18pt) WCAG AA ✓ Pass

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

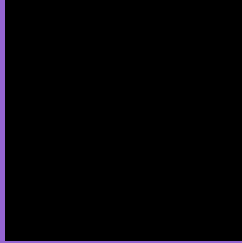
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9464D1 Background



This preview shows how black text looks on a background with the Hex color 9464D1.

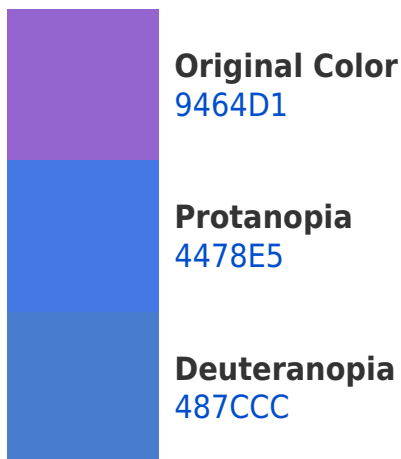


This preview shows how white text looks on a background with the Hex color 9464D1.

# 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](#).

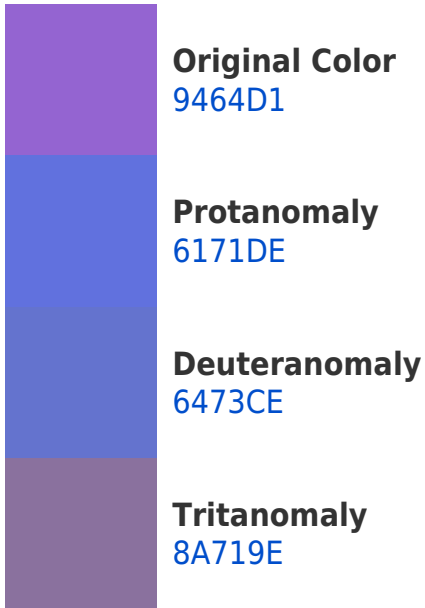
## Dichromacy



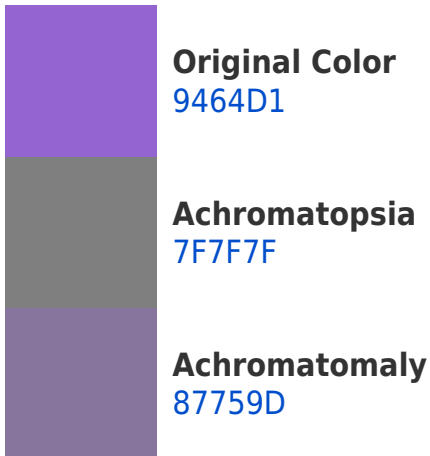


**Tritanopia**  
857881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9464D1 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 #9464D1 looks like.

```
.text, #text, p{  
    color:#9464D1  
}
```

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 #9464D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9464D1
}
```

## Border

The CSS property to change the border of an element to Hex 9464D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

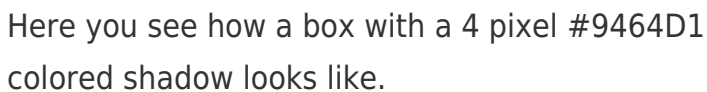
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9464D1 }
```

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

```
.border{ border-color:#9464D1 }
```

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



Here you see how a box with a 4 pixel #9464D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9464D1; -webkit-box-shadow:4px 4px  
4px 4px #9464D1; box-shadow:4px 4px 4px  
4px #9464D1 }
```

# Background

The CSS property to change the background color of an element to Hex 9464D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9464D1 }
```

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

```
.background{ background-color:#9464D1 }
```

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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