

# Converting Colors

Hex(9582DE)

Have a look what the booklet for  
Hex(9582DE) contains.

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# Color

Hex(9582DE)

# Conversions

## Conversions Part 1

Format	Color
Hex	9582DE
RGB	149, 130, 222
RGB Percent	58%, 51%, 87%
CMY	0.4157, 0.4902, 0.1294
CMYK	0.33, 0.41, 0.00, 0.13
HSL	252°, 58%, 69%
HSV	252°, 41%, 87%
XYZ	33.5619, 27.6288, 72.6712
YIQ	146.1690, -18.2080, 32.6400

# Conversions

## Conversions Part 2

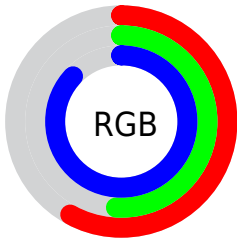
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 130, 222
Decimal	9798366
CIE <sub>Lab</sub>	59.55, 27.75, -44.52
CIE <sub>LCh</sub>	60, 52.461, 301.936
Yxy	27.6288, 0.2507, 0.2064
Android (android.graphics.Color)	4287988446 (0xFF9582DE)
YUV	146.1690, 37.3847, 2.4828
Hunter-Lab	52.5631, 21.9881, -45.1774

# Details

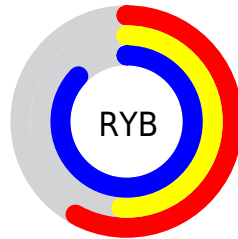
The Hex color **9582DE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CBDE82**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CDB7FF**, and **5F50A6** is the 20% darker color. If you saturate the color by 10%, you get **836CDE**, and if you desaturate by 10%, it is **A798DE**.

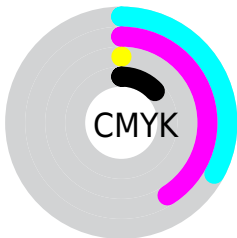
# Distribution



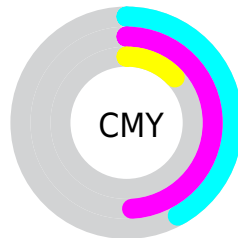
- Red (58%)
- Green (51%)
- Blue (87%)



- Red (58%)
- Yellow (51%)
- Blue (87%)



- Cyan (33%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (49%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9582DE 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 9582DE by changing the saturation by 10% instead.



 9582DE

 9582DE

FFFFFF

 7A69C2

 CDB7FF

 5F50A6

 EAD3FF

 44398C

 FFEFFF

 282372

 030F59

 000041

 00032A

 000114

 000000

 9582DE

 9582DE

 836CDE

 A798DE

 7256DE

 B8AEDE

 603FDE

 CAC5DE

 4F29DE

 DBDBDE

 3D13DE

 EDF1DE

 2E00DE

 FFFFDE

# Harmonies

## Analogous

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



2D94EC



9582DE



CA6FBC

# Triad

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



9582DE



CB7D3D



00A691

# Complementary

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



9582DE



CBDE82

# 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.



33A362



9582DE



A68E2D

# Square

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



9582DE



E16C61



779B3C



00A5BF

# Rectangle

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



9582DE



DD679E



779B3C



00A581



# Sweetspot

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



9582DE



E7E0FF



82CCDE



716E80



000000



808080



# Same Dimension

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



9582DE



9A80FF



C282DE



676570



2400B0



0A0030



# Inverse Universe

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



DE82CB



FF80E5



9EDE82



70656E



B0008C

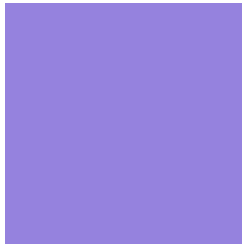


300026



# Previews

## White Background



This preview shows how the Hex color 9582DE looks on a white background.

## Color Contrast Check

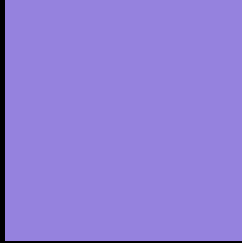
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 9582DE looks on a 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 9582DE Background



This preview shows how black text looks on a background with the Hex color 9582DE.



This preview shows how white text looks on a background with the Hex color 9582DE.

# 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](#).

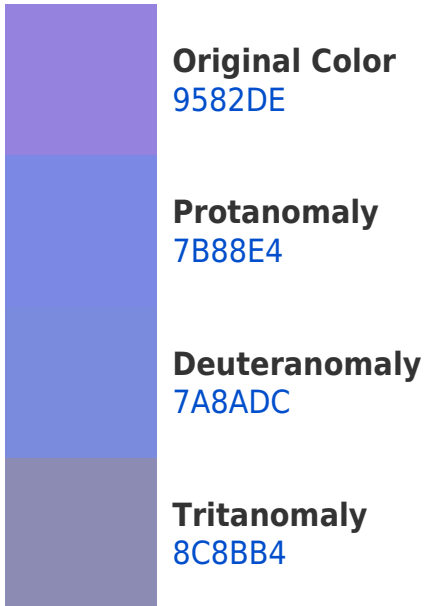
## Dichromacy



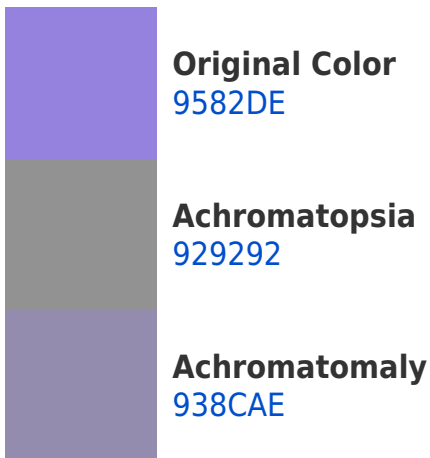


**Tritanopia**  
87909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9582DE 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 #9582DE looks like.

```
.text, #text, p{  
    color:#9582DE  
}
```

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 #9582DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9582DE
}
```

## Border

The CSS property to change the border of an element to Hex 9582DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

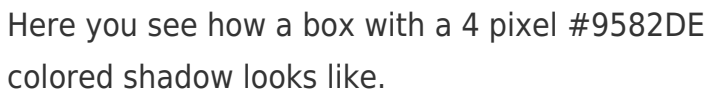
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9582DE }
```

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

```
.border{ border-color:#9582DE }
```

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



Here you see how a box with a 4 pixel #9582DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9582DE; -webkit-box-shadow:4px 4px  
4px 4px #9582DE; box-shadow:4px 4px 4px  
4px #9582DE }
```

# Background

The CSS property to change the background color of an element to Hex 9582DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9582DE }
```

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

```
.background{ background-color:#9582DE }
```

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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