

# Converting Colors

Hex(9577EE)

Have a look what the booklet for  
Hex(9577EE) contains.

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# Color

**Hex(9577EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9577EE
RGB	149, 119, 238
RGB Percent	58%, 47%, 93%
CMY	0.4157, 0.5333, 0.0667
CMYK	0.37, 0.50, 0.00, 0.07
HSL	255°, 78%, 70%
HSV	255°, 50%, 93%
XYZ	34.4239, 25.7563, 84.0460
YIQ	141.5360, -20.3190, 43.3690

# Conversions

## Conversions Part 2

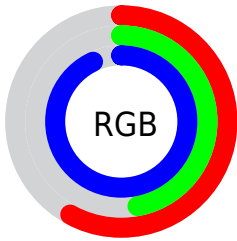
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 119, 238
Decimal	9795566
CIE <sub>Lab</sub>	57.80, 38.28, -56.21
CIE <sub>LCh</sub>	58, 68.010, 304.254
Yxy	25.7563, 0.2387, 0.1786
Android (android.graphics.Color)	4287985646 (0xFF9577EE)
YUV	141.5360, 47.5568, 6.5459
Hunter-Lab	50.7506, 32.2620, -62.6623

# Details

The Hex color **9577EE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D0EE77**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CFACFF**, and **5D46B5** is the 20% darker color. If you saturate the color by 10%, you get **835FEE**, and if you desaturate by 10%, it is **A78FEE**.

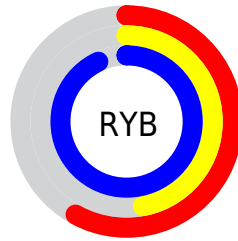
# Distribution



Red (58%)

Green (47%)

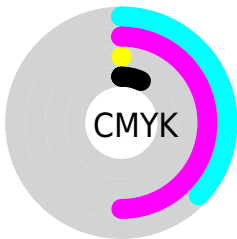
Blue (93%)



Red (58%)

Yellow (47%)

Blue (93%)

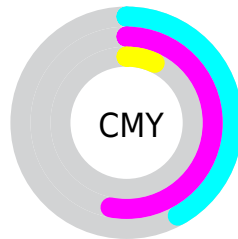


Cyan (37%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (42%)

Magenta (53%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9577EE 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 9577EE by changing the saturation by 10% instead.



 9577EE

 9577EE

FFFFFF

 795ED1

 CFACFF

 5D46B5

 ECC7FF

 402E9A

 FFE4FF

 1F187F

 000366

 00004D

 000535

 00021F

 000002

 9577EE

 9577EE

 835FEE

 A78FEE

 7147EE

 B9A7EE

 6030EE

 CABEEE

 4E18EE

 DCD6EE

 3C00EE

 EEEEE

 FFFFEE

# Harmonies

## Analogous

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



008FFF



9577EE



D85AC0

# Triad

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



9577EE



CE7413



00A692

# Complementary

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



9577EE



D0EE77

# 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.



00A254



9577EE



9F8B00

# Square

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



9577EE



ED594B



619A17



00A5CD

# Rectangle

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



9577EE



EE4D99



619A17



00A57D



# Sweetspot

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



9577EE



E2D9FF



77D0EE



6E6980



000000



808080



# Same Dimension

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



9577EE



8D66FF



D077EE



6F6C78



2E00B8



0E0038



# Inverse Universe

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



EE77D0



FF66D8



95EE77



786C75



B80089

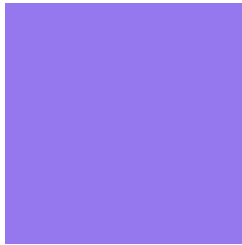


38002A



# Previews

## White Background



This preview shows how the Hex color 9577EE 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

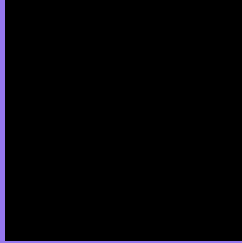
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9577EE Background



This preview shows how black text looks on a background with the Hex color 9577EE.

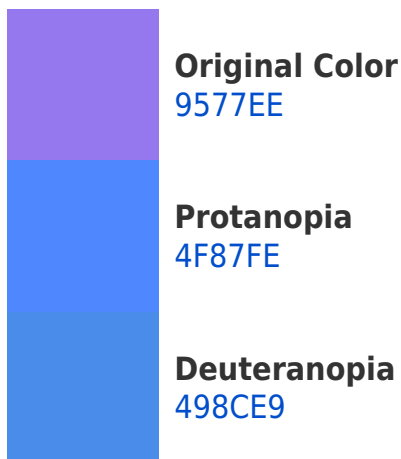


This preview shows how white text looks on a background with the Hex color 9577EE.

# 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](#).

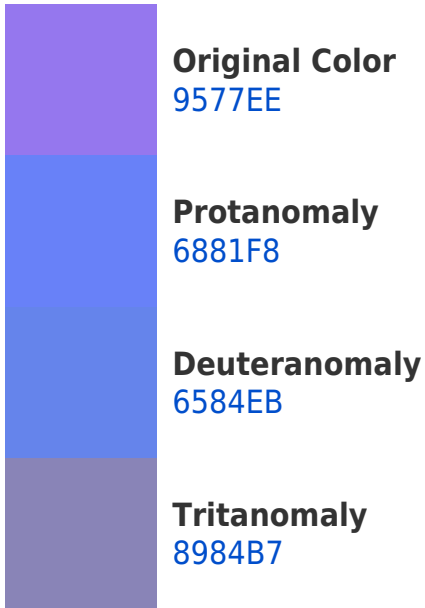
## Dichromacy





**Tritanopia**  
828C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9577EE 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 #9577EE looks like.

```
.text, #text, p{  
    color:#9577EE  
}
```

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 #9577EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9577EE }  
}
```

## Border

The CSS property to change the border of an element to Hex 9577EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

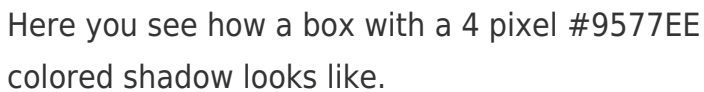
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9577EE }  
}
```

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

```
.border{ border-color:#9577EE }
```

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



Here you see how a box with a 4 pixel #9577EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9577EE; -webkit-box-shadow:4px 4px  
4px 4px #9577EE; box-shadow:4px 4px 4px  
4px #9577EE }
```

# Background

The CSS property to change the background color of an element to Hex 9577EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9577EE }
```

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

```
.background{ background-color:#9577EE }
```

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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