

# Converting Colors

Hex(9D97E6)

Have a look what the booklet for  
Hex(9D97E6) contains.

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# **Color**

**Hex(9D97E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D97E6
RGB	157, 151, 230
RGB Percent	62%, 59%, 90%
CMY	0.3843, 0.4078, 0.0980
CMYK	0.32, 0.34, 0.00, 0.10
HSL	245°, 61%, 75%
HSV	245°, 34%, 90%
XYZ	39.2542, 35.0145, 79.5525
YIQ	161.8000, -21.7830, 25.8410

# Conversions

## Conversions Part 2

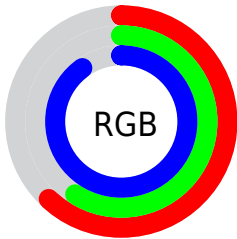
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 151, 230
Decimal	10328038
CIELab	65.76, 19.94, -39.17
CIELCh	66, 43.950, 296.977
Yxy	35.0145, 0.2552, 0.2276
Android (android.graphics.Color)	4288518118 (0xFF9D97E6)
YUV	161.8000, 33.6226, -4.2096
Hunter-Lab	59.1730, 14.8604, -38.2886

# Details

The Hex color **9D97E6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E0E697**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D5CDFF**, and **6764AE** is the 20% darker color. If you saturate the color by 10%, you get **8880E6**, and if you desaturate by 10%, it is **B2AEE6**.

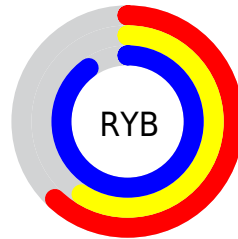
# Distribution



Red (62%)

Green (59%)

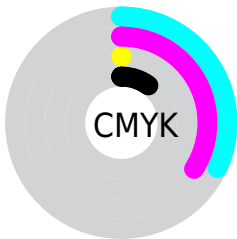
Blue (90%)



Red (62%)

Yellow (59%)

Blue (90%)

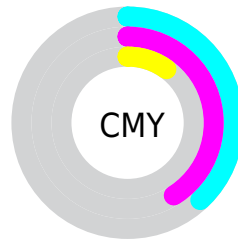


Cyan (32%)

Magenta (34%)

Yellow (0%)

Black (10%)



Cyan (38%)

Magenta (41%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D97E6 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 9D97E6 by changing the saturation by 10% instead.



■ 9D97E6

■ 9D97E6

FFFFFF

■ 827DCA

■ D5CDFF

■ 6764AE

■ F2E9FF

■ 4D4C93

■ 323679

■ 152060

■ 000C48

■ 000331

■ 00011B

■ 000000

9D97E6

9D97E6

8880E6

B2AEE6

7269E6

C8C5E6

5D52E6

DDDCE6

483BE6

F2F3E6

3324E6

FFFFE6

1D0DE6

1100E6

# Harmonies

## Analogous

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



55A5EE



9D97E6



CD88CB

# Triad

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



9D97E6



DA8E5F



0EB49A

# Complementary

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



9D97E6



E0E697

# 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.



64B073



9D97E6



BB9C4F

# Square

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



9D97E6



EA827E



94A857



00B4C2

# Rectangle

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



9D97E6



E181B3



94A857



38B38D



# Sweetspot

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



9D97E6



E7E6FF



97E1E6



717080



000000



808080



# Same Dimension

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



9D97E6



9E96FF



C497E6



686773



0E00B3



040033



# Inverse Universe

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



E697E0



FF96F7



B9E697



736772



B300A5

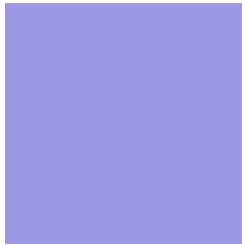


33002F



# Previews

## White Background



This preview shows how the Hex color 9D97E6 looks on a white background.

## Color Contrast Check

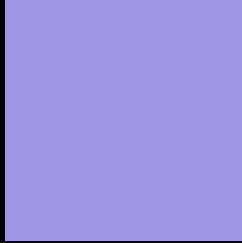
Large Text (above 18pt) WCAG AA × Fail

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 9D97E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

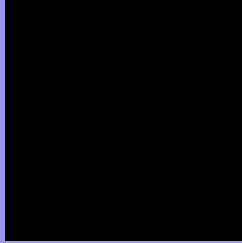
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9D97E6 Background



This preview shows how black text looks on a background with the Hex color 9D97E6.

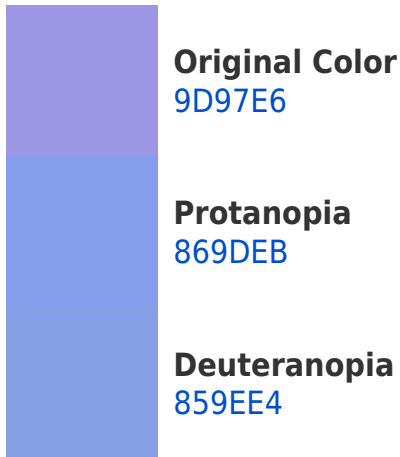


This preview shows how white text looks on a background with the Hex color 9D97E6.

# 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](#).

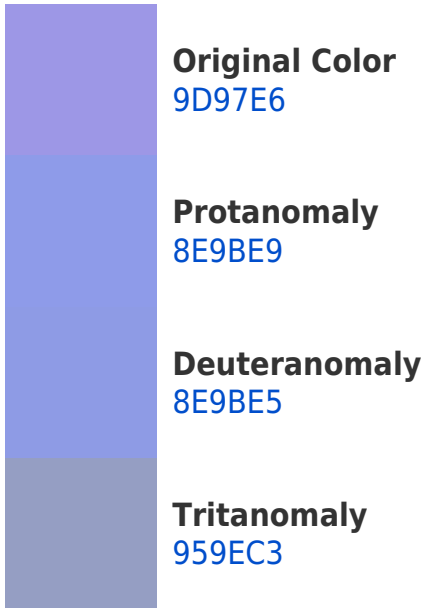
## Dichromacy



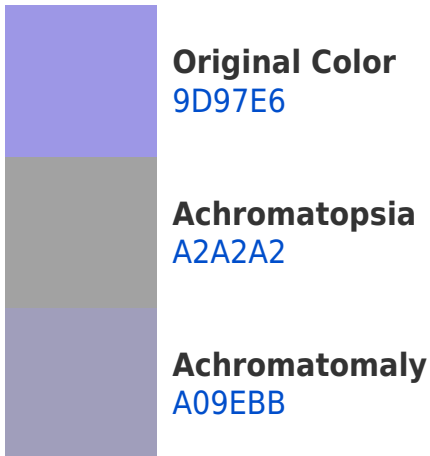


**Tritanopia**  
91A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D97E6 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 #9D97E6 looks like.

```
.text, #text, p{  
    color:#9D97E6  
}
```

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 #9D97E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D97E6
}
```

## Border

The CSS property to change the border of an element to Hex 9D97E6 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
#9D97E6 }
```

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

```
.border{ border-color:#9D97E6 }
```

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

Here you see how a box with a 4 pixel #9D97E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D97E6; -webkit-box-shadow:4px 4px  
4px 4px #9D97E6; box-shadow:4px 4px 4px  
4px #9D97E6 }
```

# Background

The CSS property to change the background color of an element to Hex 9D97E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D97E6 }
```

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

```
.background{ background-color:#9D97E6 }
```

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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