

# Converting Colors

Hex(9D82E3)

Have a look what the booklet for  
Hex(9D82E3) contains.

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# **Color**

**Hex(9D82E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D82E3
RGB	157, 130, 227
RGB Percent	62%, 51%, 89%
CMY	0.3843, 0.4902, 0.1098
CMYK	0.31, 0.43, 0.00, 0.11
HSL	257°, 63%, 70%
HSV	257°, 43%, 89%
XYZ	35.7524, 28.6794, 76.3244
YIQ	149.1310, -15.0450, 35.8910

# Conversions

## Conversions Part 2

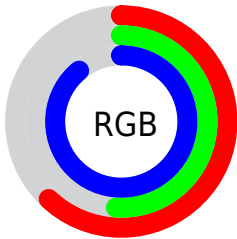
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 130, 227
Decimal	10322659
CIE <sub>Lab</sub>	60.50, 31.20, -45.77
CIE <sub>LCh</sub>	60, 55.394, 304.281
Yxy	28.6794, 0.2540, 0.2038
Android (android.graphics.Color)	4288512739 (0xFF9D82E3)
YUV	149.1310, 38.3894, 6.9011
Hunter-Lab	53.5532, 25.4495, -47.0133

# Details

The Hex color **9D82E3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C8E382**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D6B7FF**, and **6650AB** is the 20% darker color. If you saturate the color by 10%, you get **8D6BE3**, and if you desaturate by 10%, it is **AD99E3**.

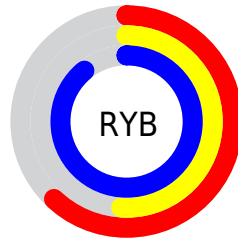
# Distribution



Red (62%)

Green (51%)

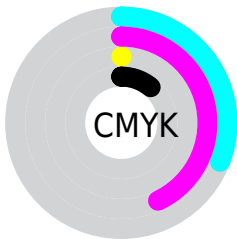
Blue (89%)



Red (62%)

Yellow (51%)

Blue (89%)

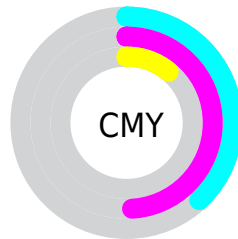


Cyan (31%)

Magenta (43%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (49%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D82E3 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 9D82E3 by changing the saturation by 10% instead.



9D82E3

9D82E3

FFFFFF

8169C7

D6B7FF

6650AB

F3D3FF

4C3990

FFEFFF

302276

110D5D

000045

00032D

000118

000000

 9D82E3

 9D82E3

 8D6BE3

 AD99E3

 7C55E3

 BEAFE3

 6C3EE3

 CEC6E3

 5B27E3

 DFDDE3

 4B11E3

 EFF3E3

 3F00E3

 FFFF E3

# Harmonies

## Analogous

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



3295F3



9D82E3



D36EBD

# Triad

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



9D82E3



CD8038



00AA98

# Complementary

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



9D82E3



C8E382

# 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.



1FA665



9D82E3



A69228

# Square

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



9D82E3



E66D5E



739F3C



00A8C8

# Rectangle

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



9D82E3



E6669D



739F3C



00A987



# Sweetspot

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



9D82E3



E7DEFF



82C9E3



716B80



000000



808080



# Same Dimension

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



9D82E3



A17DFF



CC82E3



6A6773



3200B3



0E0033



# Inverse Universe

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



E382C8



FF7DDB



99E382



736770



B30081

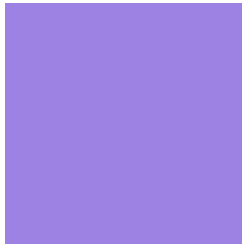


330025



# Previews

## White Background



This preview shows how the Hex color 9D82E3 looks on a white background.

## Color Contrast Check

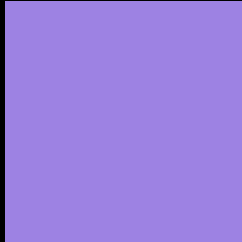
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D82E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

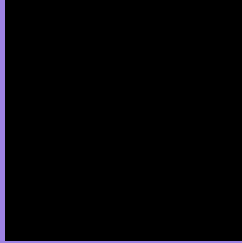
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D82E3 Background



This preview shows how black text looks on a background with the Hex color 9D82E3.




This preview shows how white text looks on a background with the Hex color 9D82E3.

# 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](#).

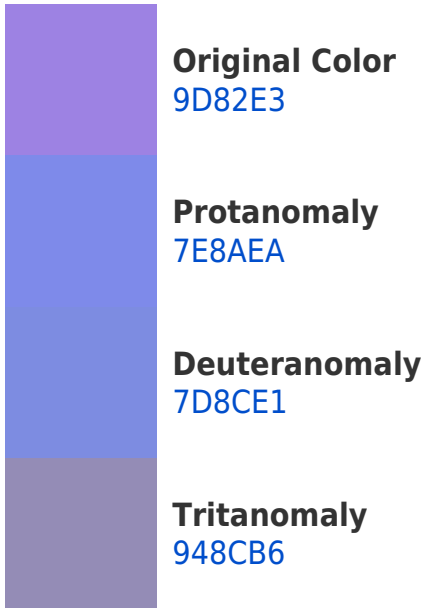
## Dichromacy





**Tritanopia**  
8F919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D82E3 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 #9D82E3 looks like.

```
.text, #text, p{  
    color:#9D82E3  
}
```

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 #9D82E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D82E3
}
```

## Border

The CSS property to change the border of an element to Hex 9D82E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

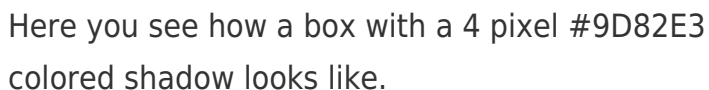
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D82E3 }
```

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

```
.border{ border-color:#9D82E3 }
```

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



Here you see how a box with a 4 pixel #9D82E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D82E3; -webkit-box-shadow:4px 4px  
4px 4px #9D82E3; box-shadow:4px 4px 4px  
4px #9D82E3 }
```

# Background

The CSS property to change the background color of an element to Hex 9D82E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D82E3 }
```

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

```
.background{ background-color:#9D82E3 }
```

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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