

# Converting Colors

Hex(9A27E1)

Have a look what the booklet for  
Hex(9A27E1) contains.

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**Color**

**Hex(9A27E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A27E1
RGB	154, 39, 225
RGB Percent	60%, 15%, 88%
CMY	0.3961, 0.8471, 0.1176
CMYK	0.32, 0.83, 0.00, 0.12
HSL	277°, 76%, 52%
HSV	277°, 83%, 88%
XYZ	27.6426, 13.7573, 72.4327
YIQ	94.5890, 8.8340, 82.2260

# Conversions

## Conversions Part 2

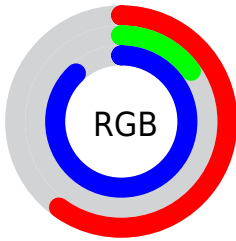
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 39, 225
Decimal	10102753
CIELab	43.88, 73.16, -71.34
CIElCh	44, 102.185, 315.718
Yxy	13.7573, 0.2428, 0.1209
Android (android.graphics.Color)	4288292833 (0xFF9A27E1)
YUV	94.5890, 64.2926, 52.1034
Hunter-Lab	37.0908, 68.1210, -89.8206

# Details

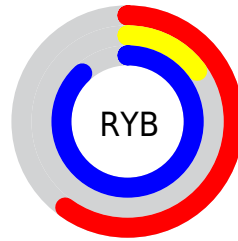
The Hex color **9A27E1** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **6EE127**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D664FF**, and **5F00A8** is the 20% darker color. If you saturate the color by 10%, you get **9110E1**, and if you desaturate by 10%, it is **A33DE1**.

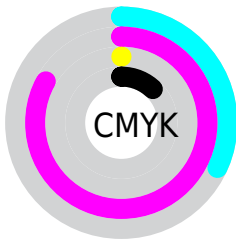
# Distribution



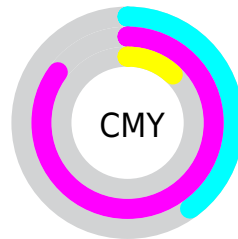
- Red (60%)
- Green (15%)
- Blue (88%)



- Red (60%)
- Yellow (15%)
- Blue (88%)



- Cyan (32%)
- Magenta (83%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (85%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A27E1 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 9A27E1 by changing the saturation by 10% instead.



 9A27E1

 9A27E1

FFFFFF

 7C00C4

 D664FF

 5F00A8

 F481FF

 40008D

 FF9DFF

 1D0073

 FFBAFF

 000059

 FFD7FF

 000440

 FFF5FF

 000329

 000113

 000000

■ 9A27E1

■ 9A27E1

■ 9110E1

■ A33DE1

■ 8B00E1

■ AB54E1

■ B46AE1

■ BC81E1

■ C598E1

■ CEAAE1

■ D6C4E1

■ DFDBE1

■ E7F1E1

# Harmonies

## Analogous

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



0066FF



9A27E1



E30094

# Triad

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



9A27E1



9F5500



008794

# Complementary

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



9A27E1



6EE127

# 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.



00843A



9A27E1



557200

# Square

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



9A27E1



D50000



007F00



0087E3

# Rectangle

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



9A27E1



F1005C



007F00



008677



# Sweetspot

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



9A27E1



E7BFFF



276EE1



715980



000000



808080



# Same Dimension

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



9A27E1



9F03FF



E127CB



6C6570



6D00B0



1E0030



# Inverse Universe

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



E1276E



FF0363



27E13D



706569



B00043

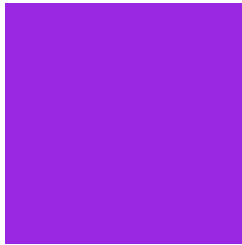


300012



# Previews

## White Background



This preview shows how the Hex color 9A27E1 looks on a white background.

## Color Contrast Check

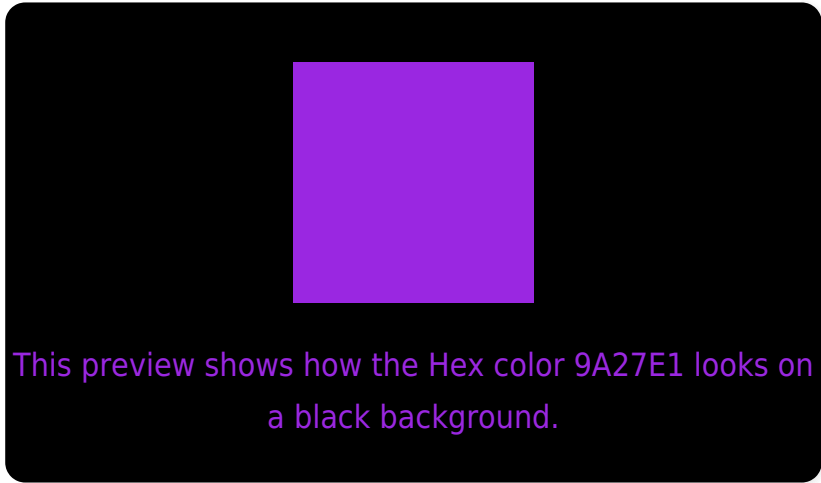
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

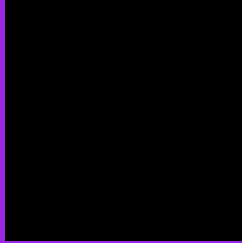
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A27E1 Background



This preview shows how black text looks on a background with the Hex color 9A27E1.

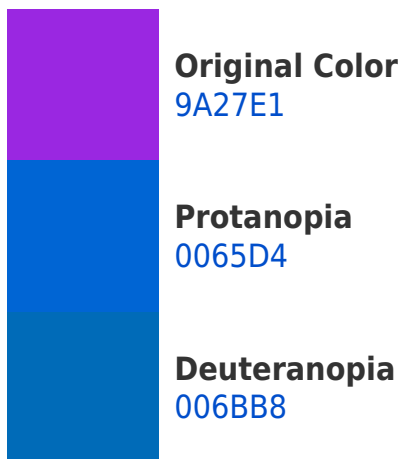



This preview shows how white text looks on a background with the Hex color 9A27E1.

# 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**  
845D65

# Trichromacy



**Original Color**  
9A27E1



**Protanomaly**  
384ED9



**Deuteranomaly**  
3852C7



**Tritanomaly**  
8C4992

# Monochromacy



**Original Color**  
9A27E1



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
744B8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A27E1 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 #9A27E1 looks like.

```
.text, #text, p{  
    color:#9A27E1  
}
```

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 #9A27E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A27E1
}
```

## Border

The CSS property to change the border of an element to Hex 9A27E1 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
#9A27E1 }
```

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

```
.border{ border-color:#9A27E1 }
```

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

Here you see how a box with a 4 pixel #9A27E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A27E1; -webkit-box-shadow:4px 4px  
4px 4px #9A27E1; box-shadow:4px 4px 4px  
4px #9A27E1 }
```

# Background

The CSS property to change the background color of an element to Hex 9A27E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A27E1 }
```

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

```
.background{ background-color:#9A27E1 }
```

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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