

# Converting Colors

Hex(9E2D8D)

Have a look what the booklet for  
Hex(9E2D8D) contains.

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# Color

**Hex(9E2D8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E2D8D
RGB	158, 45, 141
RGB Percent	62%, 18%, 55%
CMY	0.3804, 0.8235, 0.4471
CMYK	0.00, 0.72, 0.11, 0.38
HSL	309°, 56%, 40%
HSV	309°, 72%, 62%
XYZ	19.8467, 11.0690, 26.2898
YIQ	89.7310, 36.5320, 53.8120

# Conversions

## Conversions Part 2

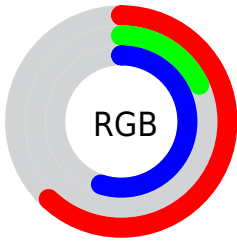
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 45, 141
Decimal	10366349
CIE <sub>Lab</sub>	39.70, 56.56, -28.51
CIE <sub>LCh</sub>	40, 63.342, 333.249
Yxy	11.0690, 0.3469, 0.1935
Android (android.graphics.Color)	4288556429 (0xFF9E2D8D)
YUV	89.7310, 25.2756, 59.8719
Hunter-Lab	33.2700, 48.2584, -23.5616

# Details

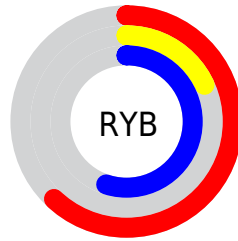
The Hex color **9E2D8D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2D9E3E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D765C3**, and **67005A** is the 20% darker color. If you saturate the color by 10%, you get **9E1D8B**, and if you desaturate by 10%, it is **9E3D8F**.

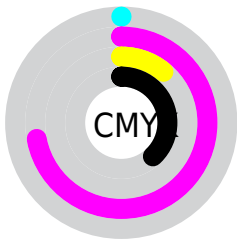
# Distribution



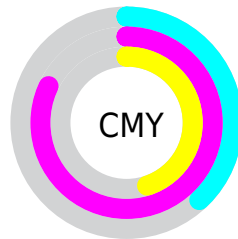
- Red (62%)
- Green (18%)
- Blue (55%)



- Red (62%)
- Yellow (18%)
- Blue (55%)



- Cyan (0%)
- Magenta (72%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E2D8D 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 9E2D8D by changing the saturation by 10% instead.



9E2D8D

9E2D8D

FFFFFF

820573

D765C3

67005A

F581DF

4C0043

FF9CFC

35002C

FFB8FF

120016

FFD5FF

000000

FFF2FF

9E2D8D

9E2D8D

9E1D8B

9E3D8F

■ 9E0D88

■ 9E4D92

■ 9E0086

■ 9E5C94

■ 9E6C97

■ 9E7C99

■ 9E8C9B

■ 9E9C9E

■ 9EABA0

■ 9EBBA2

# Harmonies

## Analogous

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



604DB5



9E2D8D



B5135A

# Triad

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



9E2D8D



6D5D00



007395

# Complementary

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



9E2D8D



2D9E3E

# 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.



007362



9E2D8D



376A00

# Square

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



9E2D8D



964800



00712B



006FBA

# Rectangle

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



9E2D8D



B52038



00712B



007485



# Sweetspot

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



9E2D8D



CFA3C8



3E2D9E



694E65



E8E8E8



696969



# Same Dimension

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



9E2D8D



CF1DB4



9E2D55



4F474E



8F0079



0F000D



# Inverse Universe

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



9E2D8D



CF1DB4



2D9E76



4F474E



8F0079



0F000D



# Previews

## White Background



This preview shows how the Hex color 9E2D8D looks on a white background.

## Color Contrast Check

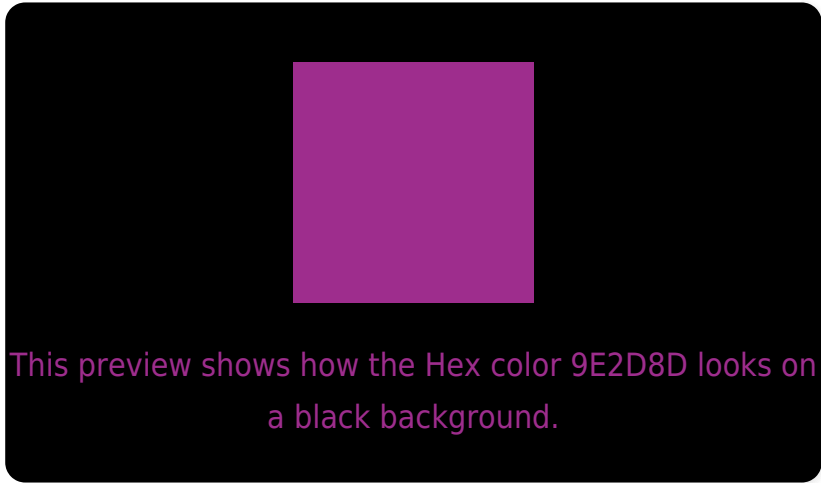
Large Text (above 18pt) WCAG AA ✓ Pass

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

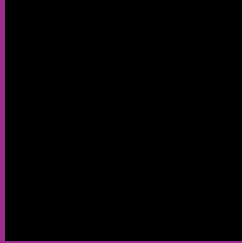
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E2D8D Background



This preview shows how black text looks on a background with the Hex color 9E2D8D.

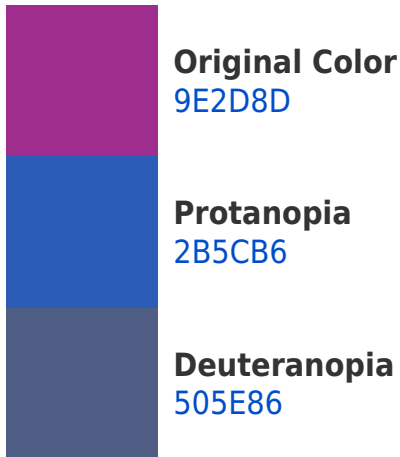



This preview shows how white text looks on a background with the Hex color 9E2D8D.

# 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**  
974348

# Trichromacy



**Original Color**  
9E2D8D



**Protanomaly**  
554BA7



**Deuteranomaly**  
6C4C89

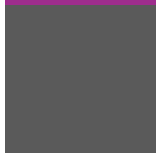


**Tritanomaly**  
9A3B61

# Monochromacy



**Original Color**  
9E2D8D



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
734A6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E2D8D 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 #9E2D8D looks like.

```
.text, #text, p{  
    color:#9E2D8D  
}
```

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 #9E2D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2D8D
}
```

## Border

The CSS property to change the border of an element to Hex 9E2D8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

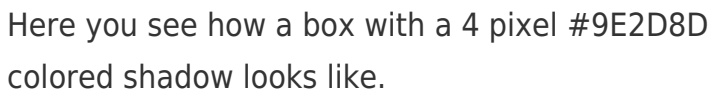
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E2D8D }
```

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

```
.border{ border-color:#9E2D8D }
```

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



Here you see how a box with a 4 pixel #9E2D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2D8D; -webkit-box-shadow:4px 4px  
4px 4px #9E2D8D; box-shadow:4px 4px 4px  
4px #9E2D8D }
```

# Background

The CSS property to change the background color of an element to Hex 9E2D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2D8D }
```

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

```
.background{ background-color:#9E2D8D }
```

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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