

# Converting Colors

Hex(9E289A)

Have a look what the booklet for  
Hex(9E289A) contains.

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# Color

**Hex(9E289A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E289A
RGB	158, 40, 154
RGB Percent	62%, 16%, 60%
CMY	0.3804, 0.8431, 0.3961
CMYK	0.00, 0.75, 0.03, 0.38
HSL	302°, 60%, 39%
HSV	302°, 75%, 62%
XYZ	20.6921, 11.1198, 31.6276
YIQ	88.2780, 33.7340, 60.4700

# Conversions

## Conversions Part 2

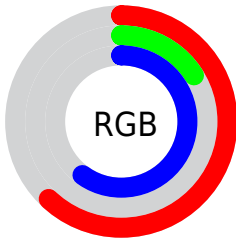
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 40, 154
Decimal	10365082
CIE <sub>Lab</sub>	39.78, 60.35, -36.28
CIE <sub>LCh</sub>	40, 70.415, 328.988
Yxy	11.1198, 0.3262, 0.1753
Android (android.graphics.Color)	4288555162 (0xFF9E289A)
YUV	88.2780, 32.4009, 61.1462
Hunter-Lab	33.3463, 52.4068, -32.8916

# Details

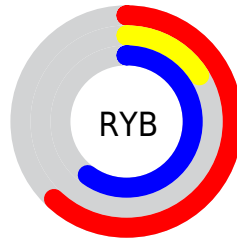
The Hex color **9E289A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **289E2C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D862D1**, and **670066** is the 20% darker color. If you saturate the color by 10%, you get **9E1899**, and if you desaturate by 10%, it is **9E389B**.

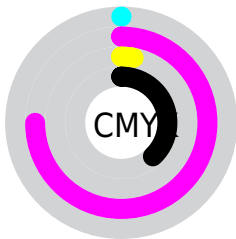
# Distribution



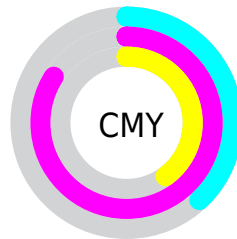
- Red (62%)
- Green (16%)
- Blue (60%)



- Red (62%)
- Yellow (16%)
- Blue (60%)



- Cyan (0%)
- Magenta (75%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E289A 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 9E289A by changing the saturation by 10% instead.



 9E289A

 9E289A

FFFFFF

 820080

 D862D1

 670066

 F57EED

 4C004E

 FF9AFF

 340037

 FFB6FF

 120020

 FFD3FF

 000003

 FFF0FF

 000000

 9E289A

 9E289A

 9E1899

 9E389B

■ 9E0899

■ 9E489B

■ 9E0099

■ 9E579C

■ 9E679C

■ 9E779D

■ 9E879D

■ 9E979E

■ 9EA69E

■ 9EB69F

# Harmonies

## Analogous

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



4C4FC4



9E289A



BD0062

# Triad

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



9E289A



755B00



007594

# Complementary

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



9E289A



289E2C

# 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.



00755A



9E289A



3A6A00

# Square

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



9E289A



9F4100



00721B



0072C1

# Rectangle

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



9E289A



BE003D



00721B



007582



# Sweetspot

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



9E289A



CFA1CD



2C289E



694D68



E8E8E8



696969



# Same Dimension

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



9E289A



CF15C8



9E285F



4F474F



8F008A



0F000F



# Inverse Universe

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



9E289A



CF15C8



289E67



4F474F



8F008A



0F000F



# Previews

## White Background



This preview shows how the Hex color 9E289A looks on a white background.

## Color Contrast Check

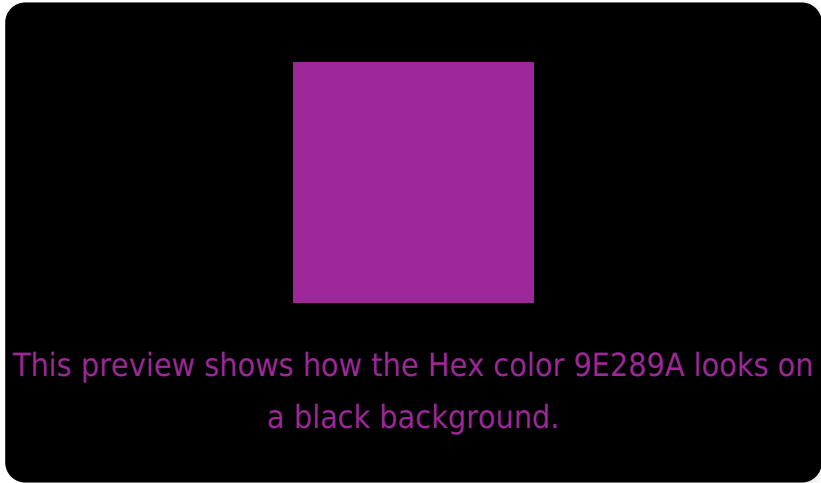
Large Text (above 18pt) WCAG AA ✓ Pass

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

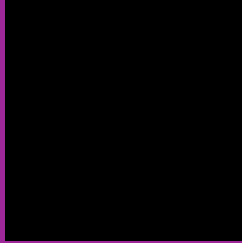
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E289A Background



This preview shows how black text looks on a background with the Hex color 9E289A.

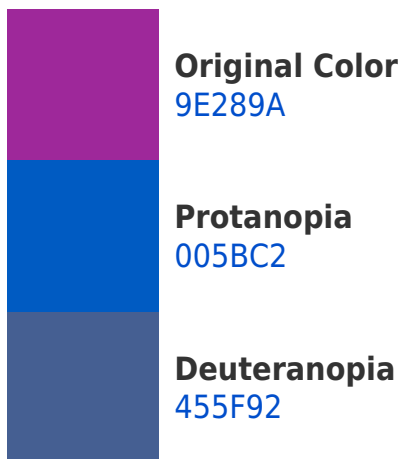



This preview shows how white text looks on a background with the Hex color 9E289A.

# 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**  
95454A

# Trichromacy



**Original Color**  
9E289A



**Protanomaly**  
3948B3



**Deuteranomaly**  
654B95



**Tritanomaly**  
983A67

# Monochromacy



**Original Color**  
9E289A



**Achromatopsia**  
585858



**Achromatomaly**  
714770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E289A 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 #9E289A looks like.

```
.text, #text, p{  
    color:#9E289A  
}
```

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 #9E289A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E289A
}
```

## Border

The CSS property to change the border of an element to Hex 9E289A is called "border". The border property can be set on classes, ids or directly on the HTML element.

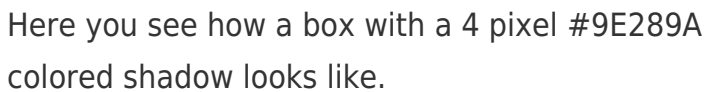
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E289A }
```

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

```
.border{ border-color:#9E289A }
```

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



Here you see how a box with a 4 pixel #9E289A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E289A; -webkit-box-shadow:4px 4px  
4px 4px #9E289A; box-shadow:4px 4px 4px  
4px #9E289A }
```

# Background

The CSS property to change the background color of an element to Hex 9E289A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E289A }
```

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

```
.background{ background-color:#9E289A }
```

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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