

# Converting Colors

Hex(9E2081)

Have a look what the booklet for  
Hex(9E2081) contains.

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# Color

**Hex(9E2081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E2081
RGB	158, 32, 129
RGB Percent	62%, 13%, 51%
CMY	0.3804, 0.8745, 0.4941
CMYK	0.00, 0.80, 0.18, 0.38
HSL	314°, 66%, 37%
HSV	314°, 80%, 62%
XYZ	18.5795, 9.8871, 21.6980
YIQ	80.7320, 43.9590, 56.8790

# Conversions

## Conversions Part 2

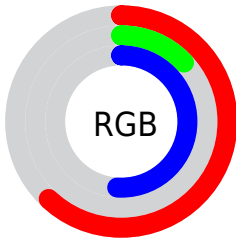
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 32, 129
Decimal	10363009
CIE Lab	37.64, 58.98, -24.34
CIE LCh	38, 63.803, 337.575
Yxy	9.8871, 0.3704, 0.1971
Android (android.graphics.Color)	4288553089 (0xFF9E2081)
YUV	80.7320, 23.7961, 67.7640
Hunter-Lab	31.4438, 50.4456, -18.9029

# Details

The Hex color **9E2081** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **209E3D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D85CB6**, and **66004F** is the 20% darker color. If you saturate the color by 10%, you get **9E107D**, and if you desaturate by 10%, it is **9E3085**.

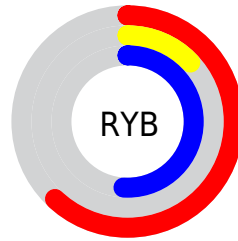
# Distribution



Red (62%)

Green (13%)

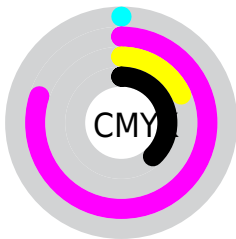
Blue (51%)



Red (62%)

Yellow (13%)

Blue (51%)

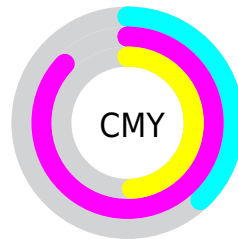


Cyan (0%)

Magenta (80%)

Yellow (18%)

Black (38%)



Cyan (38%)

Magenta (87%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E2081 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 9E2081 by changing the saturation by 10% instead.



 9E2081

 9E2081

FFFFFF

 820068

 D85CB6

 66004F

 F678D2

 4B0038

 FF93EE

 330023

 FFB0FF

 0B0008

 FFCCFF

 000000

 FFEAFF

 9E2081

 9E2081

 9E107D

 9E3085

■ 9E007A

■ 9E4088

■ 9E4F8C

■ 9E5F90

■ 9E6F93

■ 9E7F97

■ 9E8F9A

■ 9E9E9E

■ 9EAEA2

# Harmonies

## Analogous

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



6743AB



9E2081



B0024E

# Triad

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



9E2081



615B00



006E97

# Complementary

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



9E2081



209E3D

# 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.



006E65



9E2081



256600

# Square

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



9E2081



8B4700



006C2E



0069B9

# Rectangle

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



9E2081



AD1C2D



006C2E



006E87



# Sweetspot

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



9E2081



CF9DC3



3B209E



694A62



E8E8E8



696969



# Same Dimension

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



9E2081



CF08A1



9E2044



4F474D



8F006E



0F000C



# Inverse Universe

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



9E2081



CF08A1



209E7A



4F474D



8F006E



0F000C



# Previews

## White Background



This preview shows how the Hex color 9E2081 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

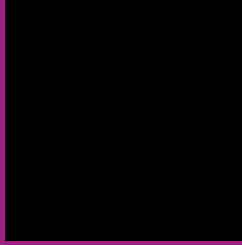
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E2081 Background



This preview shows how black text looks on a background with the Hex color 9E2081.

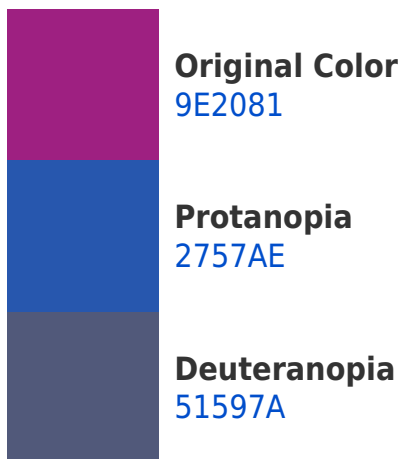



This preview shows how white text looks on a background with the Hex color 9E2081.

# 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**  
98393D

# Trichromacy



**Original Color**  
9E2081



**Protanomaly**  
52439E



**Deuteranomaly**  
6D447D



**Tritanomaly**  
9A3056

# Monochromacy



**Original Color**  
9E2081



**Achromatopsia**  
515151



**Achromatomaly**  
6D3F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E2081 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 #9E2081 looks like.

```
.text, #text, p{  
    color:#9E2081  
}
```

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 #9E2081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2081
}
```

## Border

The CSS property to change the border of an element to Hex 9E2081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

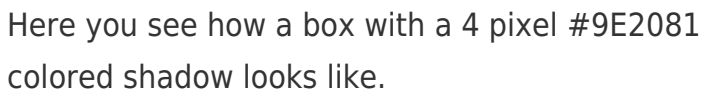
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E2081 }
```

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

```
.border{ border-color:#9E2081 }
```

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



Here you see how a box with a 4 pixel #9E2081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2081; -webkit-box-shadow:4px 4px  
4px 4px #9E2081; box-shadow:4px 4px 4px  
4px #9E2081 }
```

# Background

The CSS property to change the background color of an element to Hex 9E2081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2081 }
```

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

```
.background{ background-color:#9E2081 }
```

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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