

# Converting Colors

Hex(9E0B9E)

Have a look what the booklet for  
Hex(9E0B9E) contains.

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**Color**

**Hex(9E0B9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E0B9E
RGB	158, 11, 158
RGB Percent	62%, 4%, 62%
CMY	0.3804, 0.9569, 0.3804
CMYK	0.00, 0.93, 0.00, 0.38
HSL	300°, 87%, 33%
HSV	300°, 93%, 62%
XYZ	20.3918, 9.9771, 33.1988
YIQ	71.7110, 40.4250, 76.8810

# Conversions

## Conversions Part 2

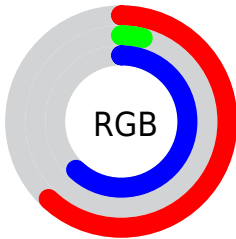
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 11, 158
Decimal	10357662
CIE <sub>Lab</sub>	37.80, 67.42, -41.85
CIE <sub>LCh</sub>	38, 79.356, 328.171
Yxy	9.9771, 0.3208, 0.1570
Android (android.graphics.Color)	4288547742 (0xFF9E0B9E)
YUV	71.7110, 42.5405, 75.6755
Hunter-Lab	31.5865, 59.9606, -40.2058

# Details

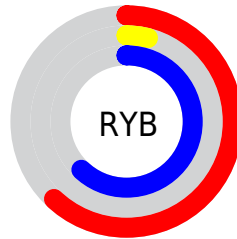
The Hex color **9E0B9E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0B9E0B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D854D5**, and **66006A** is the 20% darker color. If you saturate the color by 10%, you get **9E009E**, and if you desaturate by 10%, it is **9E1B9E**.

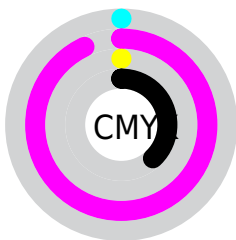
# Distribution



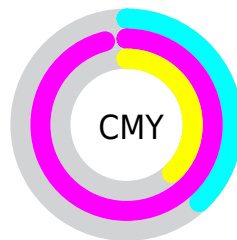
- Red (62%)
- Green (4%)
- Blue (62%)



- Red (62%)
- Yellow (4%)
- Blue (62%)



- Cyan (0%)
- Magenta (93%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (96%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E0B9E 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 9E0B9E by changing the saturation by 10% instead.



 9E0B9E

 9E0B9E

FFFFFF

 820083

 D854D5

 66006A

 F671F2

 4A0051

 FF8DFF

 310039

 FFAAFF

 0D0023

 FFC6FF

 000009

 FFE4FF

 000000

 9E0B9E

 9E0B9E

 9E009E

 9E1B9E

 9E2B9E

 9E3A9E

 9E4A9E

 9E5A9E

 9E6A9E

 9E7A9E

 9E899E

 9E999E

# Harmonies

## Analogous

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



3549CD



9E0B9E



C10060

# Triad

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



9E0B9E



715600



007295

# Complementary

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



9E0B9E



0B9E0B

# 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.



007153



9E0B9E



2E6600

# Square

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



9E0B9E



A03500



006E02



006FC7

# Rectangle

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



9E0B9E



C20036



006E02



007280



# Sweetspot

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



9E0B9E



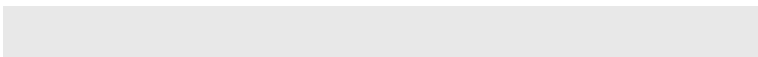
CF95CF



0B0B9E



694569



E8E8E8



696969



# Same Dimension

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



9E0B9E



CF00CF



9E0B55



4F474F



8F008F



0F000F



# Inverse Universe

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



9E0B9E



CF00CF



0B9E55



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 9E0B9E looks on a white background.

## Color Contrast Check

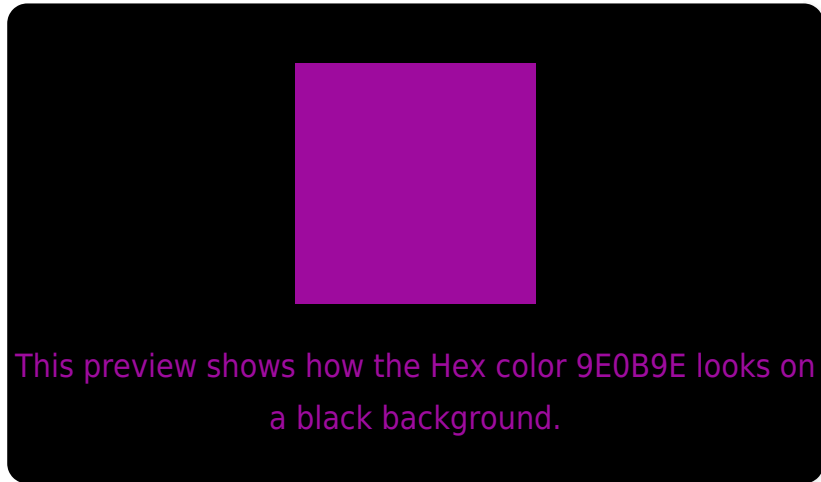
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 9E0B9E Background



This preview shows how black text looks on a background with the Hex color 9E0B9E.



This preview shows how white text looks on a background with the Hex color 9E0B9E.

# 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**  
943F43

# Trichromacy



**Original Color**  
9E0B9E



**Protanomaly**  
393CB0



**Deuteranomaly**  
5C3E98



**Tritanomaly**  
982C64

# Monochromacy



**Original Color**  
9E0B9E



**Achromatopsia**  
484848



**Achromatomaly**  
673267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E0B9E 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 #9E0B9E looks like.

```
.text, #text, p{  
    color:#9E0B9E  
}
```

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 #9E0B9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0B9E
}
```

## Border

The CSS property to change the border of an element to Hex 9E0B9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

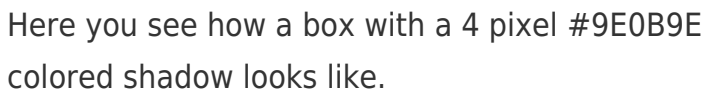
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E0B9E }
```

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

```
.border{ border-color:#9E0B9E }
```

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



Here you see how a box with a 4 pixel #9E0B9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0B9E; -webkit-box-shadow:4px 4px  
4px 4px #9E0B9E; box-shadow:4px 4px 4px  
4px #9E0B9E }
```

# Background

The CSS property to change the background color of an element to Hex 9E0B9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0B9E }
```

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

```
.background{ background-color:#9E0B9E }
```

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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