

# Converting Colors

Hex(9E19BF)

Have a look what the booklet for  
Hex(9E19BF) contains.

<b>Hex(9E19BF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9E19BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E19BF
RGB	158, 25, 191
RGB Percent	62%, 10%, 75%
CMY	0.3804, 0.9020, 0.2510
CMYK	0.17, 0.87, 0.00, 0.25
HSL	288°, 77%, 42%
HSV	288°, 87%, 75%
XYZ	23.8522, 11.7260, 50.2964
YIQ	83.6910, 25.9820, 79.8220

# Conversions

## Conversions Part 2

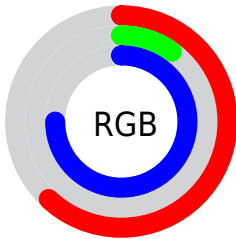
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 25, 191
Decimal	10361279
CIE <sub>Lab</sub>	40.78, 70.65, -56.71
CIE <sub>LCh</sub>	41, 90.597, 321.245
Yxy	11.7260, 0.2778, 0.1365
Android (android.graphics.Color)	4288551359 (0xFF9E19BF)
YUV	83.6910, 52.9033, 65.1690
Hunter-Lab	34.2432, 64.4090, -63.1150

# Details

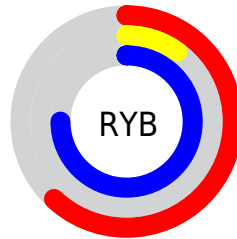
The Hex color **9E19BF** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **3ABF19**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D95BF8**, and **650088** is the 20% darker color. If you saturate the color by 10%, you get **9A06BF**, and if you desaturate by 10%, it is **A22CBF**.

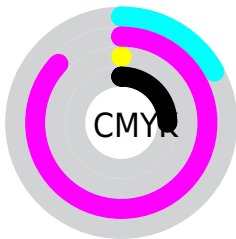
# Distribution



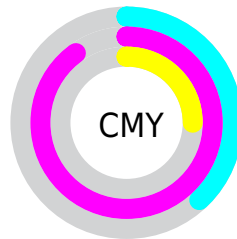
- Red (62%)
- Green (10%)
- Blue (75%)



- Red (62%)
- Yellow (10%)
- Blue (75%)



- Cyan (17%)
- Magenta (87%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (90%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E19BF 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 9E19BF by changing the saturation by 10% instead.



■ 9E19BF

■ 9E19BF

FFFFFF

■ 8100A3

■ D95BF8

■ 650088

■ F778FF

■ 49006E

■ FF94FF

■ 2F0055

■ FFB1FF

■ 09003D

■ FFCEFF

■ 000226

■ FFECFF

■ 00010F

■ 000000

■ 9E19BF

■ 9E19BF

■ 9A06BF

■ A22CBF

■ 9900BF

■ A63FBF

■ A952BF

■ AD65BF

■ B178BF

■ B58CBF

■ B99FBF

■ BCB2BF

■ C0C5BF

# Harmonies

## Analogous

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



0058EE



9E19BF



D20079

# Triad

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



9E19BF



885600



007C95

# Complementary

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



9E19BF



3ABF19

# 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.



007A47



9E19BF



426C00

# Square

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



9E19BF



BB2500



007600



007BD5

# Rectangle

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



9E19BF



DA0049



007600



007C7B



# Sweetspot

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



9E19BF



EBB7F7



193ABF



75567D



FCFCFC



7D7D7D



# Same Dimension

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



9E19BF



C600F7



BF198D



5C555E



7F009E



19001F



# Inverse Universe

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



BF193A



F70031



19BF4B



5E5557



9E001F



1F0006



# Previews

## White Background



This preview shows how the Hex color 9E19BF 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

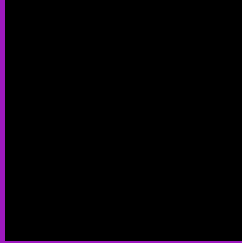
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E19BF Background



This preview shows how black text looks on a background with the Hex color 9E19BF.

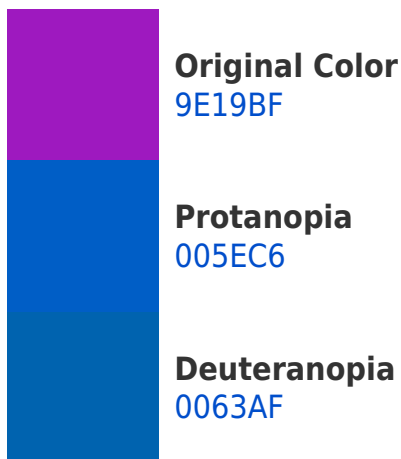


This preview shows how white text looks on a background with the Hex color 9E19BF.

# 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**  
8F4D53

# Trichromacy



**Original Color**  
9E19BF



**Protanomaly**  
3945C3



**Deuteranomaly**  
3948B5



**Tritanomaly**  
943A7A

# Monochromacy



**Original Color**  
9E19BF



**Achromatopsia**  
545454



**Achromatomaly**  
6F3F7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E19BF 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 #9E19BF looks like.

```
.text, #text, p{  
  color:#9E19BF  
}
```

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 #9E19BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E19BF
}
```

## Border

The CSS property to change the border of an element to Hex 9E19BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

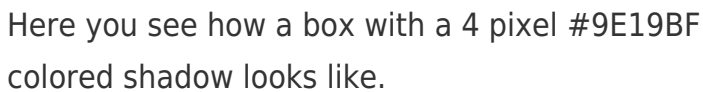
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E19BF }
```

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

```
.border{ border-color:#9E19BF }
```

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



Here you see how a box with a 4 pixel #9E19BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E19BF; -webkit-box-shadow:4px 4px  
4px 4px #9E19BF; box-shadow:4px 4px 4px  
4px #9E19BF }
```

# Background

The CSS property to change the background color of an element to Hex 9E19BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E19BF }
```

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

```
.background{ background-color:#9E19BF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor