

# Converting Colors

Hex(9E519E)

Have a look what the booklet for  
Hex(9E519E) contains.

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# Color

**Hex(9E519E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E519E
RGB	158, 81, 158
RGB Percent	62%, 32%, 62%
CMY	0.3804, 0.6824, 0.3804
CMYK	0.00, 0.49, 0.00, 0.38
HSL	300°, 32%, 47%
HSV	300°, 49%, 62%
XYZ	23.2145, 15.6226, 34.1397
YIQ	112.8010, 21.1750, 40.2710

# Conversions

## Conversions Part 2

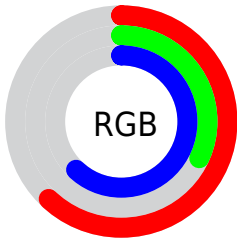
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 81, 158
Decimal	10375582
CIE <sub>Lab</sub>	46.48, 43.25, -28.16
CIE <sub>LCh</sub>	46, 51.610, 326.938
Yxy	15.6226, 0.3181, 0.2141
Android (android.graphics.Color)	4288565662 (0xFF9E519E)
YUV	112.8010, 22.2831, 39.6395
Hunter-Lab	39.5254, 35.6693, -23.5433

# Details

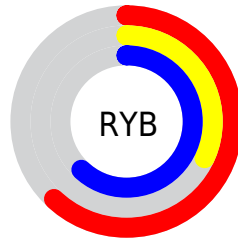
The Hex color **9E519E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **519E51**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D685D5**, and **681D6A** is the 20% darker color. If you saturate the color by 10%, you get **9E419E**, and if you desaturate by 10%, it is **9E619E**.

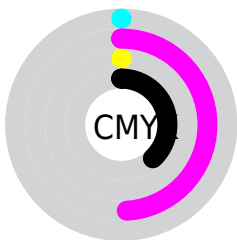
# Distribution



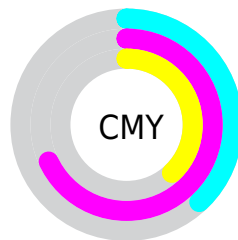
- Red (62%)
- Green (32%)
- Blue (62%)



- Red (62%)
- Yellow (32%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (68%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E519E 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 9E519E by changing the saturation by 10% instead.



 9E519E

 9E519E

FFFFFF

 833884

 D685D5

 681D6A

 F3A0F1

 4F0052

 FFBCFF

 36003A

 FFD8FF

 1F0024

 FFF5FF

 00000C

 000000

 9E519E

 9E519E

 9E419E

 9E619E

9E319E

9E719E

9E229E

9E809E

9E129E

9E909E

9E029E

9EA09E

9E009E

9EB09E

9EC09E

9ECF9E

9EDF9E

# Harmonies

## Analogous

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



6565BC



9E519E



B84474

# Triad

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



9E519E



876B07



008294

# Complementary

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



9E519E



519E51

# 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.



008268



9E519E



5D7716

# Square

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



9E519E



A85924



1A7F3C



007EB6

# Rectangle

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



9E519E



BC4557



1A7F3C



008386



# Sweetspot

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



9E519E



CFB0CF



51519E



695669



E8E8E8



696969



# Same Dimension

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



9E519E



CF57CF



9E5177



4F474F



8F008F



0F000F



# Inverse Universe

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



9E519E



CF57CF



519E77



4F474F



8F008F

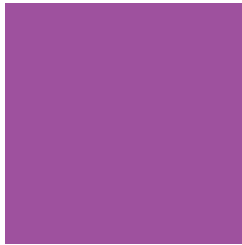


0F000F



# Previews

## White Background



This preview shows how the Hex color 9E519E 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

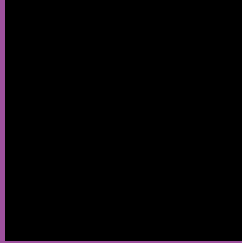
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E519E Background



This preview shows how black text looks on a background with the Hex color 9E519E.




This preview shows how white text looks on a background with the Hex color 9E519E.

# 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](#).

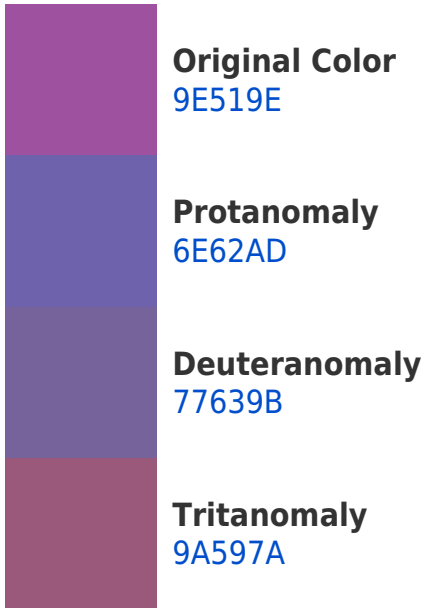
## Dichromacy



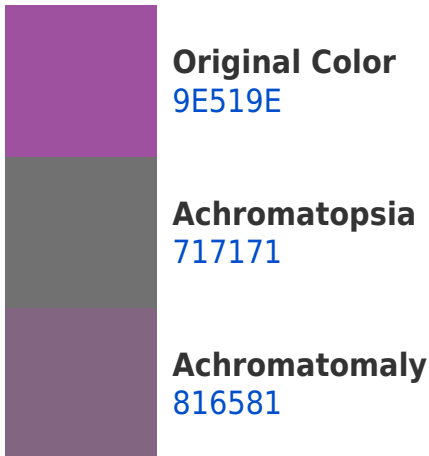


**Tritanopia**  
975E66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E519E 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 #9E519E looks like.

```
.text, #text, p{  
    color:#9E519E  
}
```

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 #9E519E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E519E
}
```

## Border

The CSS property to change the border of an element to Hex 9E519E is called "border". The border property can be set on classes, ids or directly on the HTML element.

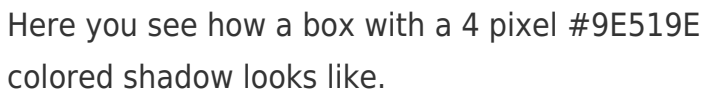
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E519E }
```

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

```
.border{ border-color:#9E519E }
```

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



Here you see how a box with a 4 pixel #9E519E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E519E; -webkit-box-shadow:4px 4px  
4px 4px #9E519E; box-shadow:4px 4px 4px  
4px #9E519E }
```

# Background

The CSS property to change the background color of an element to Hex 9E519E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E519E }
```

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

```
.background{ background-color:#9E519E }
```

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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