

# Converting Colors

Hex(9F5F9F)

Have a look what the booklet for  
Hex(9F5F9F) contains.

<b>Hex(9F5F9F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9F5F9F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F5F9F
RGB	159, 95, 159
RGB Percent	62%, 37%, 62%
CMY	0.3765, 0.6275, 0.3765
CMYK	0.00, 0.40, 0.00, 0.38
HSL	300°, 25%, 50%
HSV	300°, 40%, 62%
XYZ	24.6483, 18.0585, 34.9874
YIQ	121.4320, 17.6000, 33.4720

# Conversions

## Conversions Part 2

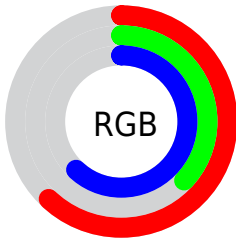
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 95, 159
Decimal	10444703
CIE <sub>Lab</sub>	49.57, 36.23, -23.94
CIE <sub>LCh</sub>	50, 43.428, 326.546
Yxy	18.0585, 0.3172, 0.2324
Android (android.graphics.Color)	4288634783 (0xFF9F5F9F)
YUV	121.4320, 18.5210, 32.9471
Hunter-Lab	42.4954, 29.1673, -19.0681

# Details

The Hex color **9F5F9F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5F9F5F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D793D6**, and **6A2E6B** is the 20% darker color. If you saturate the color by 10%, you get **9F4F9F**, and if you desaturate by 10%, it is **9F6F9F**.

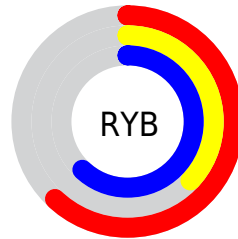
# Distribution



Red (62%)

Green (37%)

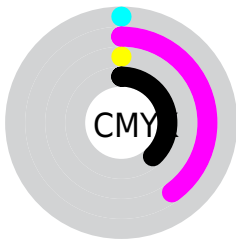
Blue (62%)



Red (62%)

Yellow (37%)

Blue (62%)

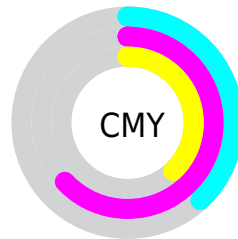


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (38%)



Cyan (38%)

Magenta (63%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F5F9F 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 9F5F9F by changing the saturation by 10% instead.



9F5F9F

9F5F9F

FFFFFF

844685

D793D6

6A2E6B

F4AEF2

511553

FFCAFF

38003B

FFE6FF

250026

00010E

000000

9F5F9F

9F5F9F

9F4F9F

9F6F9F

 9F3F9F

 9F7F9F

 9F2F9F

 9F8F9F

 9F1F9F

 9F9F9F

 9F109F

 9FAF9F

 9F009F

 9FBE9F

 9FCE9F

 9FDE9F

 9FEE9F

# Harmonies

## Analogous

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



706EB8



9F5F9F



B7567C

# Triad

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



9F5F9F



8E7229



008896

# Complementary

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



9F5F9F



5F9F5F

# 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.



008870



9F5F9F



6A7D30

# Square

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



9F5F9F



AA6539



3A844B



0084B3

# Rectangle

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



9F5F9F



BA5663



3A844B



00888A



# Sweetspot

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



9F5F9F



CFB6CF



5F5F9F



695A69



E8E8E8



696969



# Same Dimension

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



9F5F9F



CF6BCF



9F5F7F



4F474F



8F008F



0F000F



# Inverse Universe

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



9F5F9F



CF6BCF



5F9F7F



4F474F



8F008F

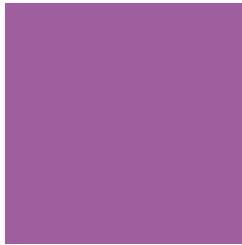


0F000F



# Previews

## White Background



This preview shows how the Hex color 9F5F9F looks on a white background.

## Color Contrast Check

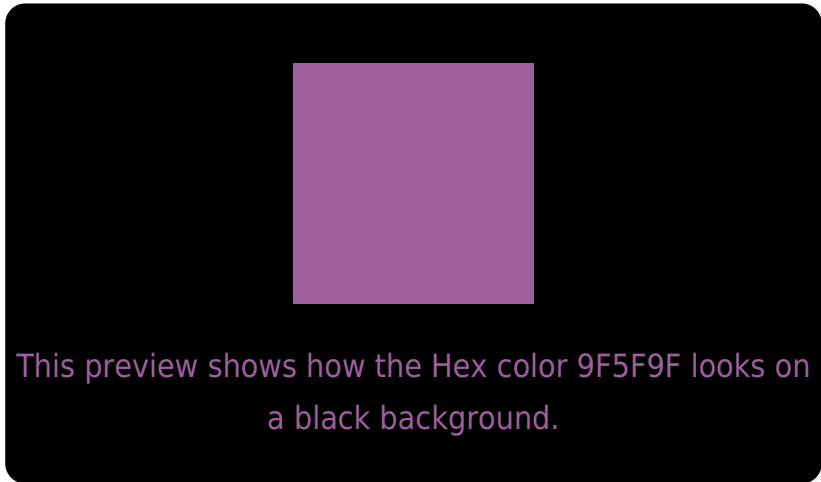
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F5F9F Background



This preview shows how black text looks on a background with the Hex color 9F5F9F.

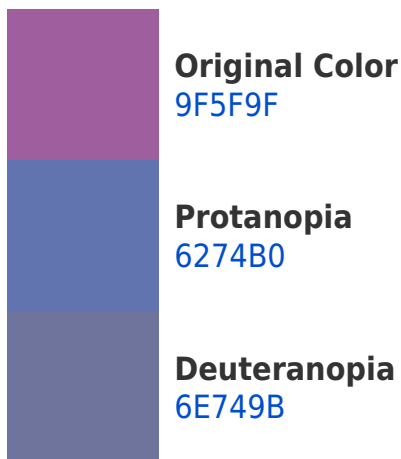



This preview shows how white text looks on a background with the Hex color 9F5F9F.

# 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](#).

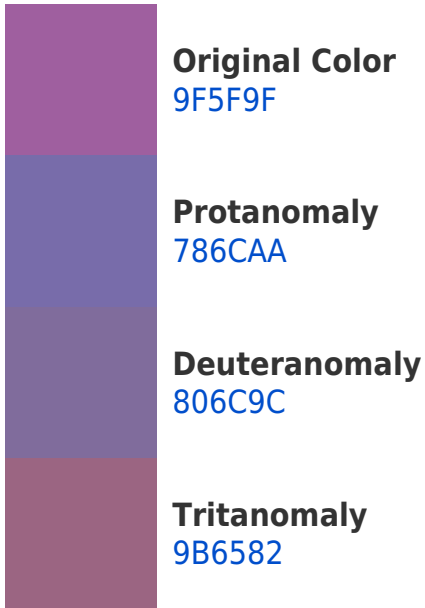
## Dichromacy





**Tritanopia**  
996971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F5F9F 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 #9F5F9F looks like.

```
.text, #text, p{  
    color:#9F5F9F  
}
```

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 #9F5F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F5F9F
}
```

## Border

The CSS property to change the border of an element to Hex 9F5F9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

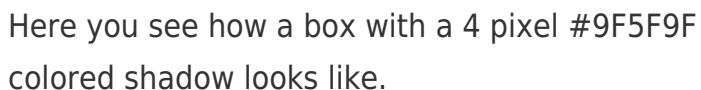
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F5F9F }
```

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

```
.border{ border-color:#9F5F9F }
```

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



Here you see how a box with a 4 pixel #9F5F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F5F9F; -webkit-box-shadow:4px 4px  
4px 4px #9F5F9F; box-shadow:4px 4px 4px  
4px #9F5F9F }
```

# Background

The CSS property to change the background color of an element to Hex 9F5F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F5F9F }
```

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

```
.background{ background-color:#9F5F9F }
```

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