

# Converting Colors

Hex(9F4CED)

Have a look what the booklet for  
Hex(9F4CED) contains.

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# Color

Hex(9F4CED)

# Conversions

## Conversions Part 1

Format	Color
Hex	9F4CED
RGB	159, 76, 237
RGB Percent	62%, 30%, 93%
CMY	0.3765, 0.7020, 0.0706
CMYK	0.33, 0.68, 0.00, 0.07
HSL	271°, 82%, 61%
HSV	271°, 68%, 93%
XYZ	32.1686, 18.6542, 82.0259
YIQ	119.1710, -2.2130, 67.6670

# Conversions

## Conversions Part 2

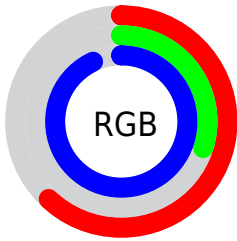
Format	Color
R <sub>YB</sub>	159, 76, 237
Decimal	10439917
CIE <sub>Lab</sub>	50.28, 62.75, -67.71
CIE <sub>LCh</sub>	50, 92.315, 312.827
Yxy	18.6542, 0.2421, 0.1404
Android (android.graphics.Color)	4288629997 (0xFF9F4CED)
YUV	119.1710, 58.0897, 34.9300
Hunter-Lab	43.1905, 57.3644, -82.3680

# Details

The Hex color **9F4CED** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **9AED4C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DA82FF**, and **650EB4** is the 20% darker color. If you saturate the color by 10%, you get **9434ED**, and if you desaturate by 10%, it is **AA64ED**.

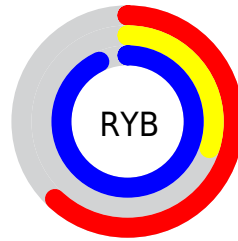
# Distribution



Red (62%)

Green (30%)

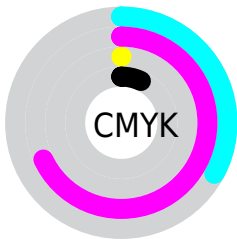
Blue (93%)



Red (62%)

Yellow (30%)

Blue (93%)

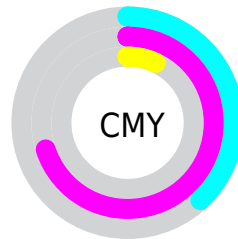


Cyan (33%)

Magenta (68%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (70%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F4CED 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 9F4CED by changing the saturation by 10% instead.



9F4CED

9F4CED

FFFFFF

8230D0

DA82FF

650EB4

F89EFF

470098

FFBAFF

25007E

FFD7FF

000064

FFF4FF

00004B

000433

00021D

000000

 9F4CED

 9F4CED

 9434ED

 AA64ED

 881DED

 B67BED

 7D05ED

 C193ED

 7A00ED

 CDABED

 D8C3ED

 E4DAED

 EFF2ED

 FBFFED

 FFFFED

# Harmonies

## Analogous

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



0078FF



9F4CED



E800A8

# Triad

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



9F4CED



B66300



009799

# Complementary

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



9F4CED



9AED4C

# 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.



009445



9F4CED



737F00

# Square

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



9F4CED



E62C01



008E00



0096E3

# Rectangle

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



9F4CED



FA0074



008E00



00967D



# Sweetspot

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



9F4CED



E6CCFF



4C9CED



716180



000000



808080



# Same Dimension

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



9F4CED



9A2EFF



ED4CED



706A75



5D00B5



1C0036



# Inverse Universe

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



ED4C9A



FF2E93



4CED4C



756A6F



B50058

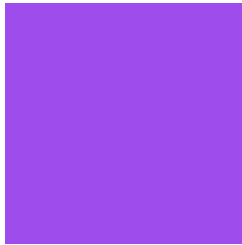


36001A



# Previews

## White Background



This preview shows how the Hex color 9F4CED looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

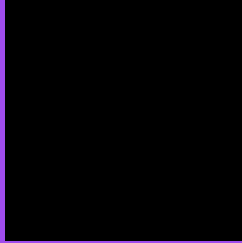
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F4CED Background



This preview shows how black text looks on a background with the Hex color 9F4CED.

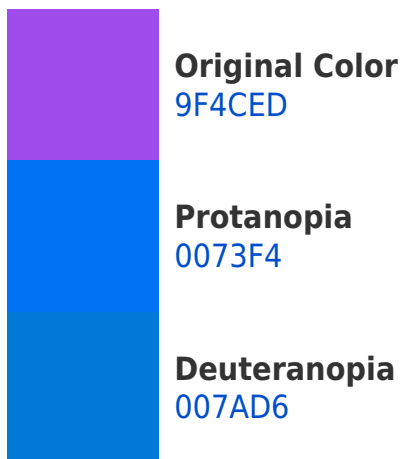


This preview shows how white text looks on a background with the Hex color 9F4CED.

# 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



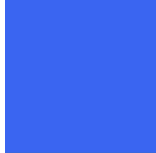


**Tritanopia**  
89717A

# Trichromacy



**Original Color**  
9F4CED



**Protanomaly**  
3A65F1



**Deuteranomaly**  
3A69DE



**Tritanomaly**  
9164A4

# Monochromacy



**Original Color**  
9F4CED



**Achromatopsia**  
777777



**Achromatomaly**  
8667A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F4CED 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 #9F4CED looks like.

```
.text, #text, p{  
    color:#9F4CED  
}
```

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 #9F4CED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F4CED
}
```

## Border

The CSS property to change the border of an element to Hex 9F4CED 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
#9F4CED }
```

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

```
.border{ border-color:#9F4CED }
```

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

Here you see how a box with a 4 pixel #9F4CED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F4CED; -webkit-box-shadow:4px 4px  
4px 4px #9F4CED; box-shadow:4px 4px 4px  
4px #9F4CED }
```

# Background

The CSS property to change the background color of an element to Hex 9F4CED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F4CED }
```

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

```
.background{ background-color:#9F4CED }
```

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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