

# Converting Colors

Hex(9E6FC1)

Have a look what the booklet for  
Hex(9E6FC1) contains.

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# **Color**

**Hex(9E6FC1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E6FC1
RGB	158, 111, 193
RGB Percent	62%, 44%, 76%
CMY	0.3804, 0.5647, 0.2431
CMYK	0.18, 0.42, 0.00, 0.24
HSL	274°, 40%, 60%
HSV	274°, 42%, 76%
XYZ	29.4106, 22.4882, 53.2426
YIQ	134.4010, 1.6900, 35.4660

# Conversions

## Conversions Part 2

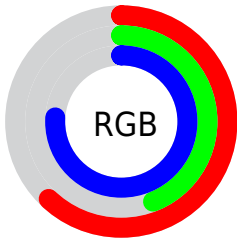
Format	Color
R <sub>Y</sub> B	158, 111, 193
Decimal	10383297
CIE Lab	54.54, 34.13, -35.94
CIE LCh	55, 49.567, 313.519
Yxy	22.4882, 0.2797, 0.2139
Android (android.graphics.Color)	4288573377 (0xFF9E6FC1)
YUV	134.4010, 28.8893, 20.6963
Hunter-Lab	47.4218, 27.7163, -33.3724

# Details

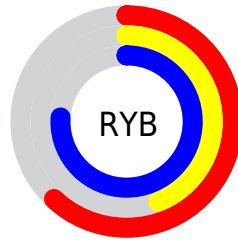
The Hex color **9E6FC1** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **92C16F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D6A4FA**, and **693E8B** is the 20% darker color. If you saturate the color by 10%, you get **965CC1**, and if you desaturate by 10%, it is **A682C1**.

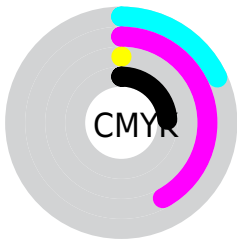
# Distribution



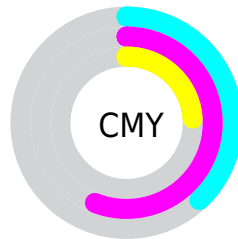
- Red (62%)
- Green (44%)
- Blue (76%)



- Red (62%)
- Yellow (44%)
- Blue (76%)



- Cyan (18%)
- Magenta (42%)
- Yellow (0%)
- Black (24%)



- Cyan (38%)
- Magenta (56%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E6FC1 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 9E6FC1 by changing the saturation by 10% instead.





9E6FC1



9E6FC1

FFFFFF



8356A6



D6A4FA



693E8B



F3BFFF



4F2671



FFDBFF



360F58



FFF8FF



1E0040



00002A



000114



000000



9E6FC1



9E6FC1

965CC1

A682C1

8E48C1

AE96C1

8535C1

B7A9C1

7D22C1

BFBCC1

750FC1

C7D0C1

6F00C1

CFE3C1

D8F6C1

E0FFC1

E8FFC1

# Harmonies

## Analogous

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



5881D6



9E6FC1



C5609C

# Triad

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



9E6FC1



AD782D



009895

# Complementary

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



9E6FC1



92C16F

# 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.



009669



9E6FC1



878628

# Square

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



9E6FC1



C86749



579041



0095BC

# Rectangle

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



9E6FC1



D05B7F



579041



009786



# Sweetspot

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



9E6FC1



ECD9FA



6F93C1



74697D



FCFCFC



7D7D7D



# Same Dimension

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



9E6FC1



C47AFA



C16FBC



5D5761



5C00A1



130021



# Inverse Universe

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



C16F92



FA7AB1



6FC174



61575B



A10045

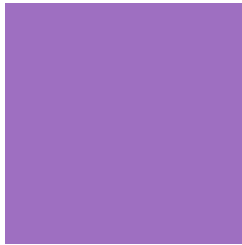


21000E



# Previews

## White Background



This preview shows how the Hex color 9E6FC1 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

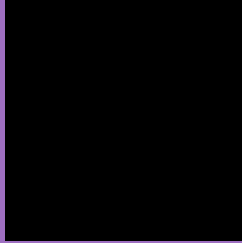
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E6FC1 Background



This preview shows how black text looks on a background with the Hex color 9E6FC1.




This preview shows how white text looks on a background with the Hex color 9E6FC1.

# 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](#).

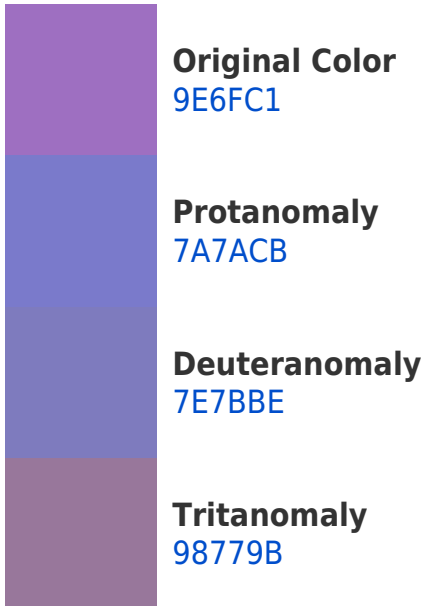
## Dichromacy





**Tritanopia**  
947C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E6FC1 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 #9E6FC1 looks like.

```
.text, #text, p{  
    color:#9E6FC1  
}
```

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 #9E6FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6FC1
}
```

## Border

The CSS property to change the border of an element to Hex 9E6FC1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

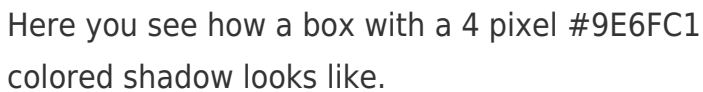
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E6FC1 }
```

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

```
.border{ border-color:#9E6FC1 }
```

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



Here you see how a box with a 4 pixel #9E6FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6FC1; -webkit-box-shadow:4px 4px  
4px 4px #9E6FC1; box-shadow:4px 4px 4px  
4px #9E6FC1 }
```

# Background

The CSS property to change the background color of an element to Hex 9E6FC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6FC1 }
```

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

```
.background{ background-color:#9E6FC1 }
```

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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