

# Converting Colors

Hex(9D6FC2)

Have a look what the booklet for  
Hex(9D6FC2) contains.

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**Color**

**Hex(9D6FC2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D6FC2
RGB	157, 111, 194
RGB Percent	62%, 44%, 76%
CMY	0.3843, 0.5647, 0.2392
CMYK	0.19, 0.43, 0.00, 0.24
HSL	273°, 40%, 60%
HSV	273°, 43%, 76%
XYZ	29.3267, 22.4320, 53.8231
YIQ	134.2160, 0.7730, 35.5650

# Conversions

## Conversions Part 2

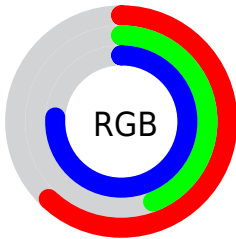
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	157, 111, 194
Decimal	10317762
CIE <sub>Lab</sub>	54.48, 34.06, -36.62
CIE <sub>LCh</sub>	54, 50.010, 312.932
Y <sub>xy</sub>	22.4320, 0.2778, 0.2125
Android (android.graphics.Color)	4288507842 (0xFF9D6FC2)
Y <sub>UV</sub>	134.2160, 29.4735, 19.9816
Hunter-Lab	47.3625, 27.6423, -34.2239

# Details

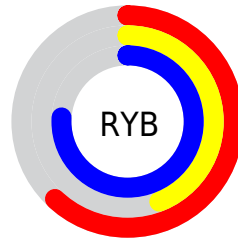
The Hex color **9D6FC2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **94C26F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D5A4FB**, and **683E8C** is the 20% darker color. If you saturate the color by 10%, you get **945CC2**, and if you desaturate by 10%, it is **A682C2**.

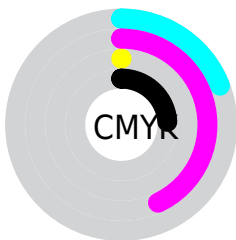
# Distribution



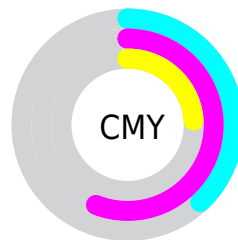
- Red (62%)
- Green (44%)
- Blue (76%)



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



- Cyan (19%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D6FC2 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 9D6FC2 by changing the saturation by 10% instead.





9D6FC2



9D6FC2

FFFFFF



8256A7



D5A4FB



683E8C



F2BFFF



4E2672



FFDBFF



350F59



FFF8FF



1D0041



00002B



000115



000000



9D6FC2



9D6FC2

945CC2

A682C2

8C48C2

AE96C2

8335C2

B7A9C2

7A21C2

C0BDC2

720EC2

C8D0C2

6C00C2

D1E3C2

DAF7C2

E2FFC2

EBFFC2

# Harmonies

## Analogous

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



5581D7



9D6FC2



C45F9D

# Triad

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



9D6FC2



AE772C



009894

# Complementary

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



9D6FC2



94C26F

# 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.



009667



9D6FC2



888627

# Square

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



9D6FC2



C96649



589040



0095BC

# Rectangle

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



9D6FC2



D05B80



589040



009785



# Sweetspot

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



9D6FC2



EEDCFC



6F94C2



766B80



000000



808080



# Same Dimension

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



9D6FC2



C37CFC



C26FBE



5D5761



5900A1



120021



# Inverse Universe

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



C26F94



FC7CB5



6FC273



61575C



A10048



21000F



# Previews

## White Background



This preview shows how the Hex color 9D6FC2 looks on a white background.

## Color Contrast Check

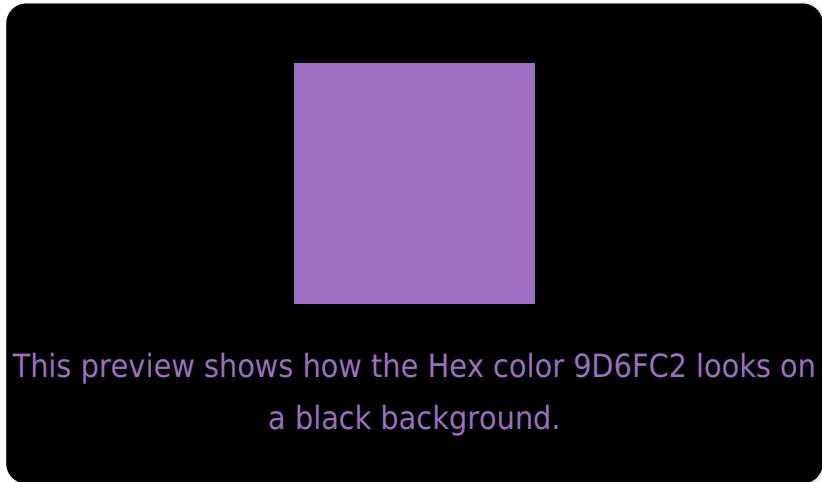
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D6FC2 Background



This preview shows how black text looks on a background with the Hex color 9D6FC2.

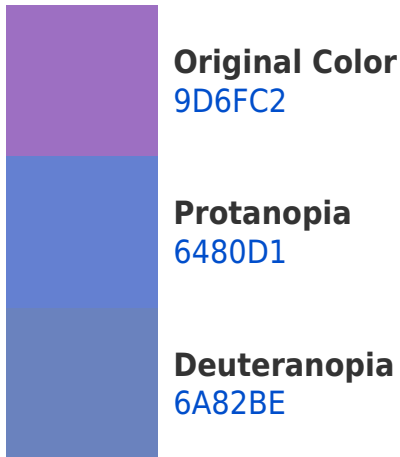



This preview shows how white text looks on a background with the Hex color 9D6FC2.

# 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](#).

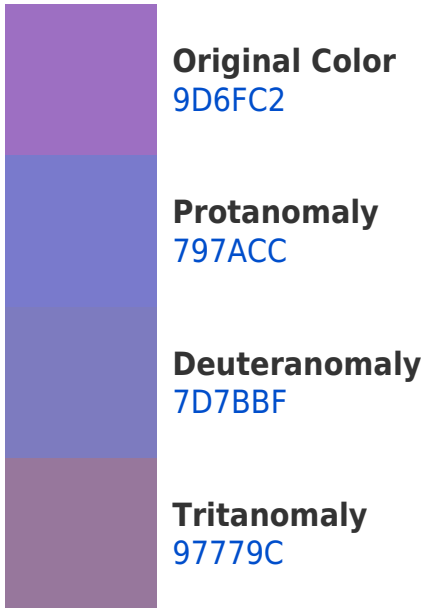
## Dichromacy





**Tritanopia**  
937C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D6FC2 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 #9D6FC2 looks like.

```
.text, #text, p{  
    color:#9D6FC2  
}
```

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 #9D6FC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6FC2
}
```

## Border

The CSS property to change the border of an element to Hex 9D6FC2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

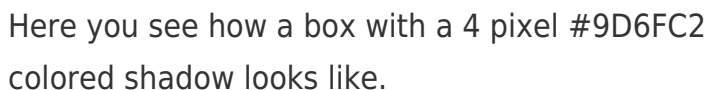
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D6FC2 }
```

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

```
.border{ border-color:#9D6FC2 }
```

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



Here you see how a box with a 4 pixel #9D6FC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6FC2; -webkit-box-shadow:4px 4px  
4px 4px #9D6FC2; box-shadow:4px 4px 4px  
4px #9D6FC2 }
```

# Background

The CSS property to change the background color of an element to Hex 9D6FC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6FC2 }
```

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

```
.background{ background-color:#9D6FC2 }
```

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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