

# Converting Colors

Hex(9F6DB3)

Have a look what the booklet for  
Hex(9F6DB3) contains.

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# Color

**Hex(9F6DB3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F6DB3
RGB	159, 109, 179
RGB Percent	62%, 43%, 70%
CMY	0.3765, 0.5725, 0.2980
CMYK	0.11, 0.39, 0.00, 0.30
HSL	283°, 32%, 56%
HSV	283°, 39%, 70%
XYZ	27.9034, 21.5629, 45.3392
YIQ	131.9300, 7.3300, 32.3700

# Conversions

## Conversions Part 2

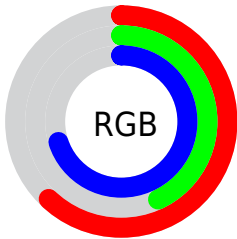
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 109, 179
Decimal	10448307
CIE <sub>Lab</sub>	53.56, 32.48, -29.42
CIE <sub>LCh</sub>	54, 43.823, 317.834
Yxy	21.5629, 0.2943, 0.2274
Android (android.graphics.Color)	4288638387 (0xFF9F6DB3)
YUV	131.9300, 23.2055, 23.7404
Hunter-Lab	46.4358, 25.9983, -25.3847

# Details

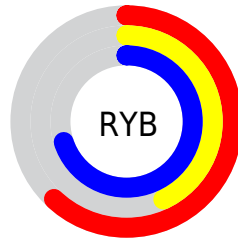
The Hex color **9F6DB3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **81B36D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D7A1EB**, and **6A3C7E** is the 20% darker color. If you saturate the color by 10%, you get **9A5BB3**, and if you desaturate by 10%, it is **A47FB3**.

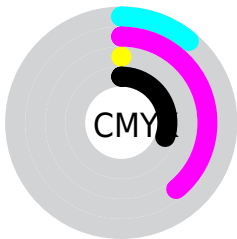
# Distribution



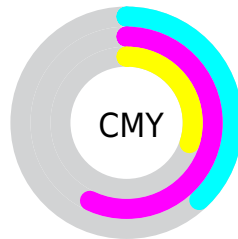
- Red (62%)
- Green (43%)
- Blue (70%)



- Red (62%)
- Yellow (43%)
- Blue (70%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (57%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F6DB3 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 9F6DB3 by changing the saturation by 10% instead.



9F6DB3

9F6DB3

FFFFFF

845498

D7A1EB

6A3C7E

F3BDFE

512465

FFD9FF

380D4C

FFF5FF

220035

00001F

000003

000000

9F6DB3

9F6DB3

9A5BB3

A47FB3

9549B3

A991B3

9037B3

AEA3B3

8B25B3

B3B5B3

8514B3

B9C7B3

8002B3

BED8B3

8000B3

C3EAB3

C8FCB3

CDFFB3

# Harmonies

## Analogous

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



687CC8



9F6DB3



BE6191

# Triad

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



9F6DB3



A37934



009396

# Complementary

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



9F6DB3



81B36D

# 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.



00926F



9F6DB3



808534

# Square

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



9F6DB3



BC6A49



548D4B



0090B7

# Rectangle

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



9F6DB3



C65F77



548D4B



009389



# Sweetspot

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



9F6DB3



E0CCE8



6D82B3



716575



F5F5F5



757575



# Same Dimension

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



9F6DB3



C97BE8



B36DA5



575059



6D0099



12001A



# Inverse Universe

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



B36D81



E87B9A



6DB37B



595053



99002C

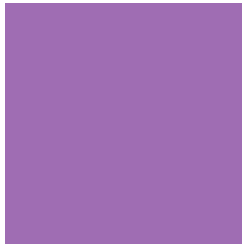


1A0007



# Previews

## White Background



This preview shows how the Hex color 9F6DB3 looks on a white background.

## Color Contrast Check

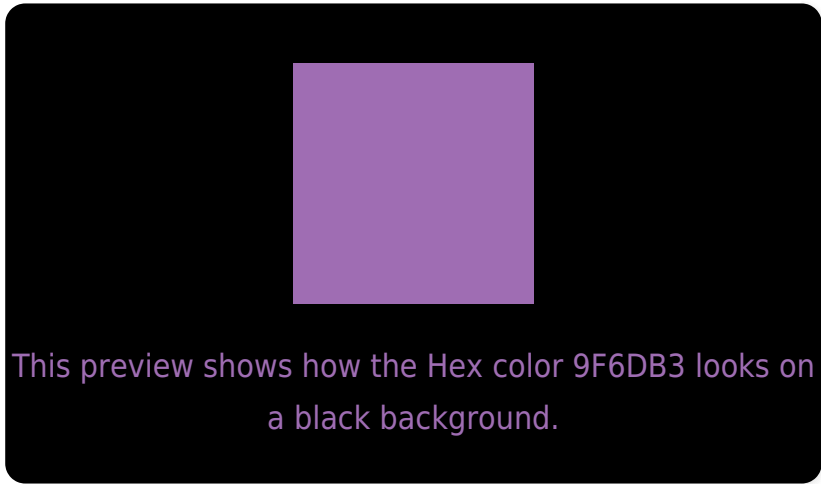
Large Text (above 18pt) WCAG AA ✓ Pass

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

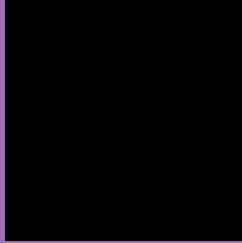
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F6DB3 Background



This preview shows how black text looks on a background with the Hex color 9F6DB3.

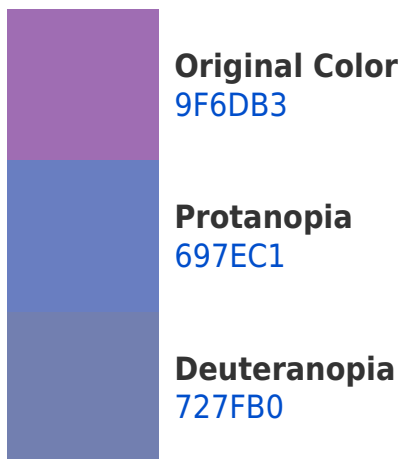


This preview shows how white text looks on a background with the Hex color 9F6DB3.

# 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**  
987881

# Trichromacy



**Original Color**  
9F6DB3



**Protanomaly**  
7D78BC



**Deuteranomaly**  
8278B1



**Tritanomaly**  
9B7493

# Monochromacy



**Original Color**  
9F6DB3



**Achromatopsia**  
848484



**Achromatomaly**  
8E7C95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F6DB3 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 #9F6DB3 looks like.

```
.text, #text, p{  
    color:#9F6DB3  
}
```

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 #9F6DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6DB3
}
```

## Border

The CSS property to change the border of an element to Hex 9F6DB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

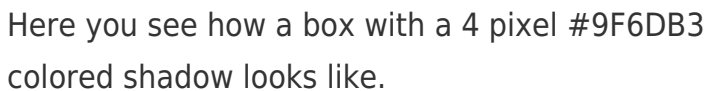
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F6DB3 }
```

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

```
.border{ border-color:#9F6DB3 }
```

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



Here you see how a box with a 4 pixel #9F6DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6DB3; -webkit-box-shadow:4px 4px  
4px 4px #9F6DB3; box-shadow:4px 4px 4px  
4px #9F6DB3 }
```

# Background

The CSS property to change the background color of an element to Hex 9F6DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6DB3 }
```

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

```
.background{ background-color:#9F6DB3 }
```

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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