

# Converting Colors

Hex(9F9BD2)

Have a look what the booklet for  
Hex(9F9BD2) contains.

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# Color

Hex(9F9BD2)

# Conversions

## Conversions Part 1

Format	Color
Hex	9F9BD2
RGB	159, 155, 210
RGB Percent	62%, 61%, 82%
CMY	0.3765, 0.3922, 0.1765
CMYK	0.24, 0.26, 0.00, 0.18
HSL	244°, 38%, 72%
HSV	244°, 26%, 82%
XYZ	37.6523, 35.4668, 65.8340
YIQ	162.4660, -15.2710, 17.9530

# Conversions

## Conversions Part 2

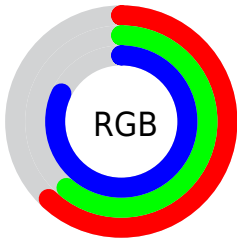
Format	Color
<a href="#">RYB</a>	<a href="#">159, 155, 210</a>
Decimal	<a href="#">10460114</a>
CIELab	<a href="#">66.11, 13.29, -27.55</a>
CIElCh	<a href="#">66, 30.588, 295.755</a>
Yxy	<a href="#">35.4668, 0.2710, 0.2552</a>
Android (android.graphics.Color)	<a href="#">4288650194 (0xFF9F9BD2)</a>
YUV	<a href="#">162.4660, 23.4343, -3.0397</a>
Hunter-Lab	<a href="#">59.5540, 8.6350, -23.8545</a>

# Details

The Hex color **9F9BD2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CED29B**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D6D1FF**, and **6A689B** is the 20% darker color. If you saturate the color by 10%, you get **8C86D2**, and if you desaturate by 10%, it is **B2B0D2**.

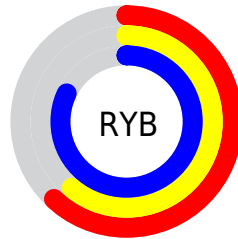
# Distribution



Red (62%)

Green (61%)

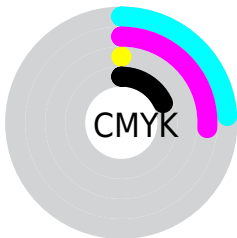
Blue (82%)



Red (62%)

Yellow (61%)

Blue (82%)

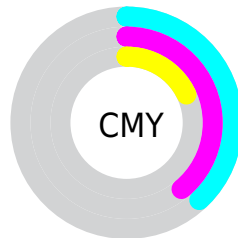


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (39%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9BD2 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 9F9BD2 by changing the saturation by 10% instead.



■ 9F9BD2

■ 9F9BD2

FFFFFF

■ 8481B6

■ D6D1FF

■ 6A689B

■ F3EEFF

■ 515081

■ 393968

■ 20244F

■ 060F38

■ 000222

■ 000009

■ 000000

9F9BD2

9F9BD2

8C86D2

B2B0D2

7871D2

C6C5D2

655CD2

D9DAD2

5147D2

EDEFD2

3E32D2

FFFFD2

2A1DD2

1708D2

0F00D2

# Harmonies

## Analogous

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



76A4D7



9F9BD2



C092C0

# Triad

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



9F9BD2



CD9474



5BAF9C

# Complementary

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



9F9BD2



CED29B

# 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.



7BAC81



9F9BD2



B79E6A

# Square

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



9F9BD2



D78D8A



9BA66F



45AFB8

# Rectangle

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



9F9BD2



CE8DAF



9BA66F



66AF92



# Sweetspot

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



9F9BD2



ECEBFF



9BCED2



747380



000000



808080



# Same Dimension

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



9F9BD2



B6B0FF



BA9BD2



5F5E69



0C00A8



030029



# Inverse Universe

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



D29BCE



FFB0F9



B3D29B



695E68



A8009C

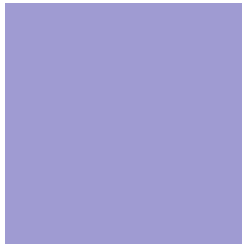


290026



# Previews

## White Background



This preview shows how the Hex color 9F9BD2 looks on a white background.

## Color Contrast Check

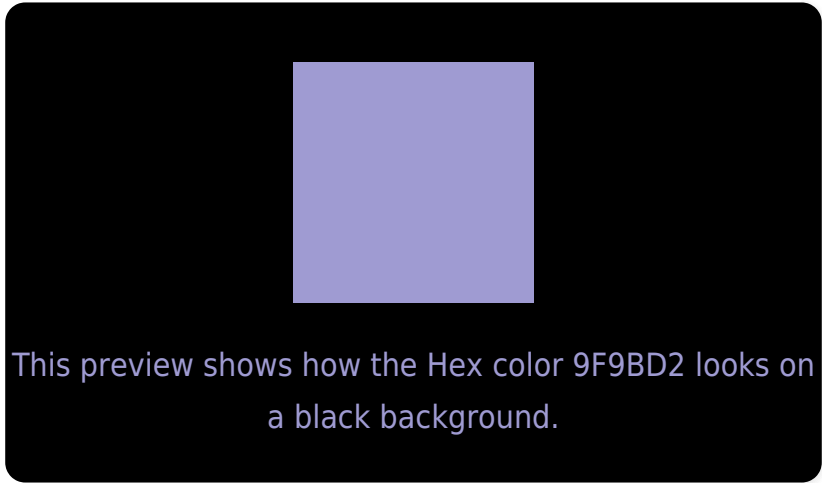
Large Text (above 18pt) WCAG AA × Fail

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

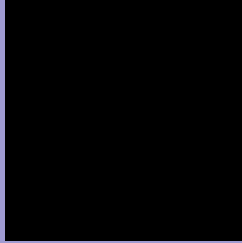
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9F9BD2 Background



This preview shows how black text looks on a background with the Hex color 9F9BD2.

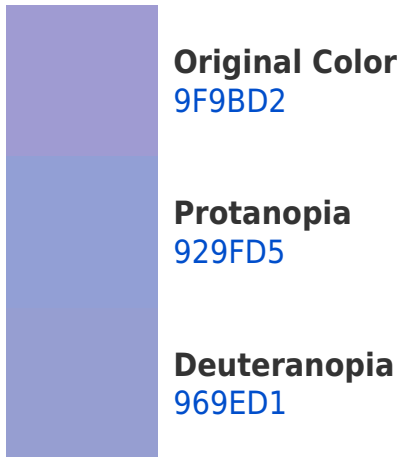


This preview shows how white text looks on a background with the Hex color 9F9BD2.

# 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](#).

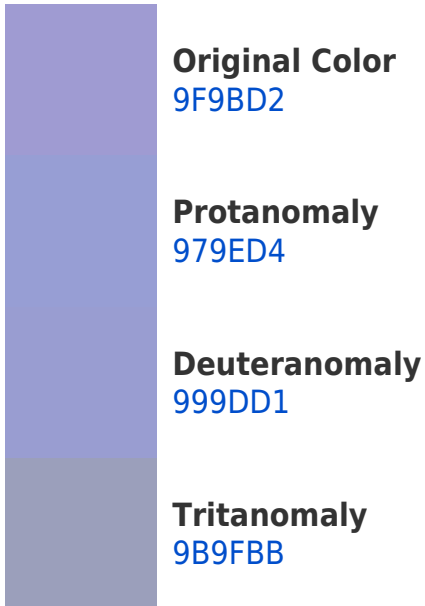
## Dichromacy



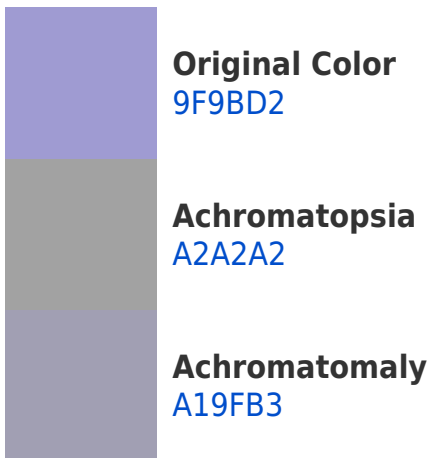


**Tritanopia**  
98A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9BD2 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 #9F9BD2 looks like.

```
.text, #text, p{  
    color:#9F9BD2  
}
```

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 #9F9BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9BD2
}
```

## Border

The CSS property to change the border of an element to Hex 9F9BD2 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
#9F9BD2 }
```

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

```
.border{ border-color:#9F9BD2 }
```

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

Here you see how a box with a 4 pixel #9F9BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9BD2; -webkit-box-shadow:4px 4px  
4px 4px #9F9BD2; box-shadow:4px 4px 4px  
4px #9F9BD2 }
```

# Background

The CSS property to change the background color of an element to Hex 9F9BD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9BD2 }
```

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

```
.background{ background-color:#9F9BD2 }
```

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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