

Converting Colors

Hex(9F83DA)

Have a look what the booklet for
Hex(9F83DA) contains.

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Color

Hex(9F83DA)

Conversions

Conversions Part 1

Format	Color
Hex	9F83DA
RGB	159, 131, 218
RGB Percent	62%, 51%, 85%
CMY	0.3765, 0.4863, 0.1451
CMYK	0.27, 0.40, 0.00, 0.15
HSL	259°, 54%, 68%
HSV	259°, 40%, 85%
XYZ	35.0693, 28.6655, 70.0143
YIQ	149.2900, -11.2390, 32.9930

Conversions

Conversions Part 2

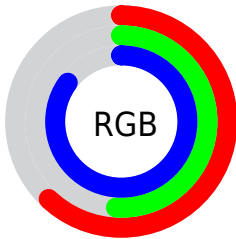
Format	Color
R_{YB}	159, 131, 218
Decimal	10453978
CIE _{Lab}	60.49, 28.94, -40.75
CIE _{LCh}	60, 49.985, 305.379
Yxy	28.6655, 0.2622, 0.2143
Android (android.graphics.Color)	4288644058 (0xFF9F83DA)
YUV	149.2900, 33.8740, 8.5157
Hunter-Lab	53.5402, 23.2238, -40.0553

Details

The Hex color **9F83DA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **BEDA83**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D7B8FF**, and **6951A3** is the 20% darker color. If you saturate the color by 10%, you get **906DDA**, and if you desaturate by 10%, it is **AE99DA**.

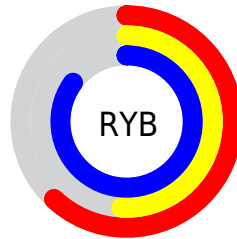
Distribution



Red (62%)

Green (51%)

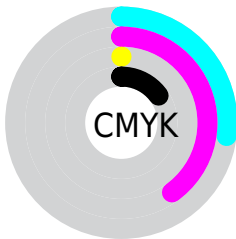
Blue (85%)



Red (62%)

Yellow (51%)

Blue (85%)

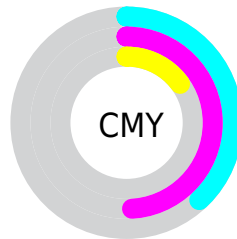


Cyan (27%)

Magenta (40%)

Yellow (0%)

Black (15%)



Cyan (38%)

Magenta (49%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F83DA 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 9F83DA by changing the saturation by 10% instead.

 9F83DA

 9F83DA

FFFFFF

 846ABE

 D7B8FF

 6951A3

 F4D4FF

 4F3A88

 FFF1FF

 35236E

 1A0E55

 04003E

 000327

 000110


 000000

 9F83DA

 9F83DA

 906DDA

 AE99DA

 8157DA

 BDAFDA

 7342DA

 CBC4DA

 642CDA

 DADADA

 5516DA

 E9F0DA

 4600DA

 F8FFDA

 FFFFDA

Harmonies

Analogous

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



4D94EA



9F83DA



CE72B7

Triad

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



9F83DA



C88241



00A899

Complementary

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



9F83DA



BEDA83

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.



32A56B



9F83DA



A39235

Square

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



9F83DA



DF7261



759E46



00A6C4

Rectangle

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



9F83DA



DF6C9B



759E46



00A789

Sweetspot

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



9F83DA



EAE0FF



83BEDA



736E80



000000



808080

Same Dimension

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



9F83DA



AC85FF



CA83DA



66636E



3800AD



0F002E

Inverse Universe

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



DA83BE



FF85D8



93DA83



6E636A



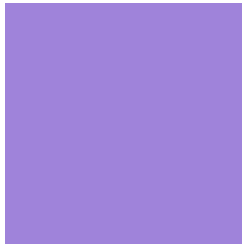
AD0076



2E001F

Previews

White Background



This preview shows how the Hex color 9F83DA looks on a white background.

Color Contrast Check

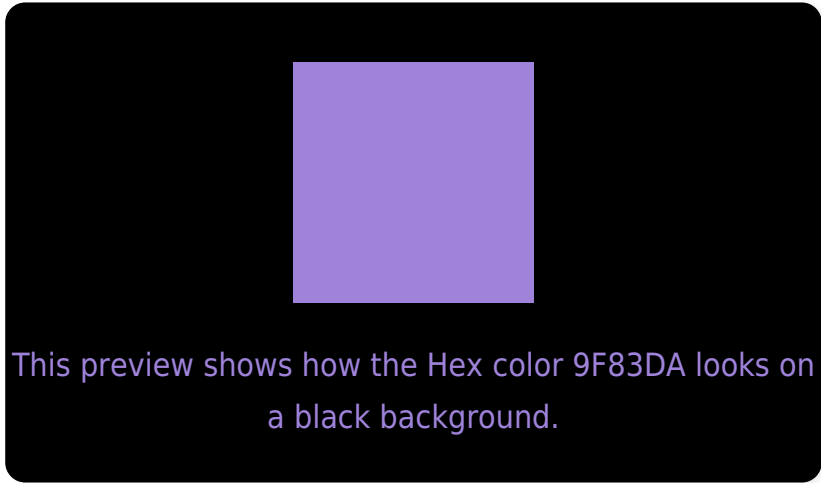
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F83DA Background



This preview shows how black text looks on a background with the Hex color 9F83DA.

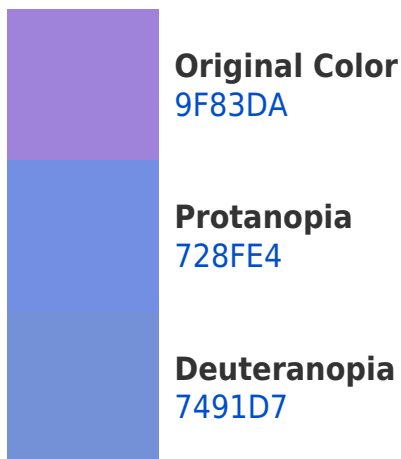


This preview shows how white text looks on a background with the Hex color 9F83DA.

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](#).

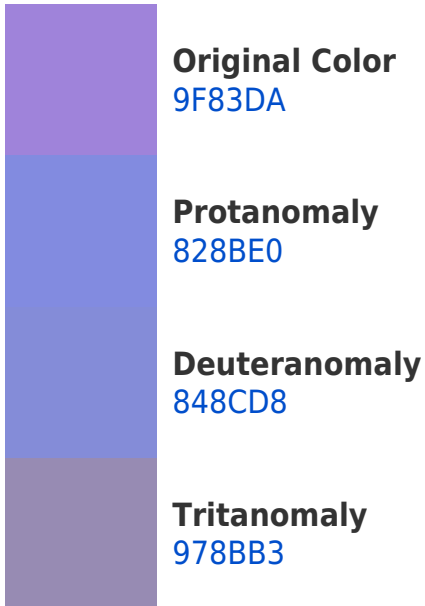
Dichromacy



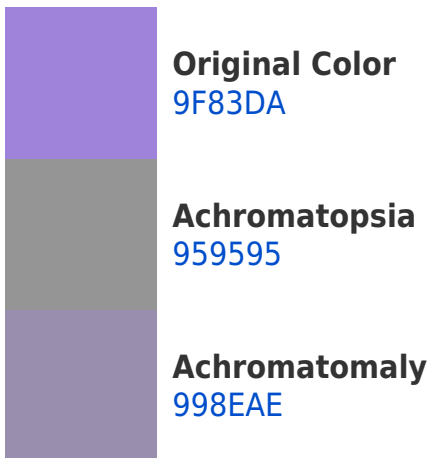


Tritanopia
93909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F83DA 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 #9F83DA looks like.

```
.text, #text, p{  
    color:#9F83DA  
}
```

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 #9F83DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F83DA
}
```

Border

The CSS property to change the border of an element to Hex 9F83DA 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
#9F83DA }
```

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

```
.border{ border-color:#9F83DA }
```

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

Here you see how a box with a 4 pixel #9F83DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F83DA; -webkit-box-shadow:4px 4px  
4px 4px #9F83DA; box-shadow:4px 4px 4px  
4px #9F83DA }
```

Background

The CSS property to change the background color of an element to Hex 9F83DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F83DA }
```

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

```
.background{ background-color:#9F83DA }
```

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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