

Converting Colors

Hex(9F829F)

Have a look what the booklet for
Hex(9F829F) contains.

Hex(9F829F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9F829F)

Conversions

Conversions Part 1

Format	Color
Hex	9F829F
RGB	159, 130, 159
RGB Percent	62%, 51%, 62%
CMY	0.3765, 0.4902, 0.3765
CMYK	0.00, 0.18, 0.00, 0.38
HSL	300°, 13%, 57%
HSV	300°, 18%, 62%
XYZ	28.5387, 25.8394, 36.2842
YIQ	141.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

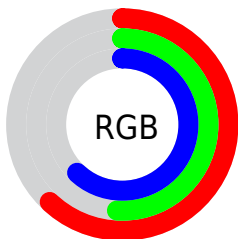
Format	Color
R _Y B	159, 130, 159
Decimal	10453663
CIE _{Lab}	57.88, 16.35, -11.27
CIE _{LCh}	58, 19.856, 325.409
Y _{xy}	25.8394, 0.3148, 0.2850
Android (android.graphics.Color)	4288643743 (0xFF9F829F)
Y _{UV}	141.9770, 8.3923, 14.9292
Hunter-Lab	50.8325, 11.2579, -6.7385

Details

The Hex color **9F829F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **829F82**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D6B7D6**, and **6B506C** is the 20% darker color. If you saturate the color by 10%, you get **9F729F**, and if you desaturate by 10%, it is **9F929F**.

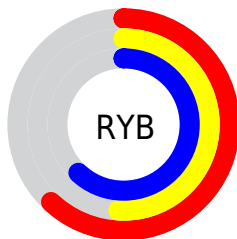
Distribution



Red (62%)

Green (51%)

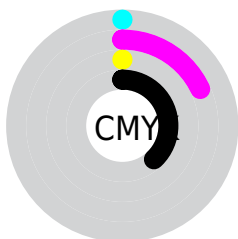
Blue (62%)



Red (62%)

Yellow (51%)

Blue (62%)

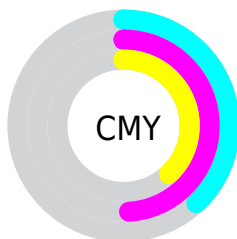


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F829F 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 9F829F by changing the saturation by 10% instead.



9F829F



9F829F

FFFFFF



856985



D6B7D6



6B506C



F2D3F2



533953



FFEEFF



3B233C



250F26



0A0011



000000



9F829F



9F829F



9F729F



9F929F

 9F629F

 9FA29F

 9F529F

 9FB29F

 9F429F

 9FC29F

 9F329F

 9FD19F

 9F239F

 9FE19F

 9F139F

 9FF19F

 9F039F

 9FFF9F

 9F009F

Harmonies

Analogous

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



8A88AA



9F829F



AC7F8E

Triad

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



9F829F



9B8969



5A9599

Complementary

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



9F829F



829F82

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.



639588



9F829F



888F6C

Square

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



9F829F



A8836F



749377



5F92A7

Rectangle

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



9F829F



AF7F83



749377



5B9594

Sweetspot

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



9F829F



CFC4CF



82829F



696269



E8E8E8



696969

Same Dimension

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



9F829F



CFA1CF



9F8291



4F474F



8F008F



0F000F

Inverse Universe

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



9F829F



CFA1CF



829F91



4F474F



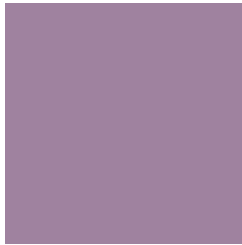
8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 9F829F looks on a white background.

Color Contrast Check

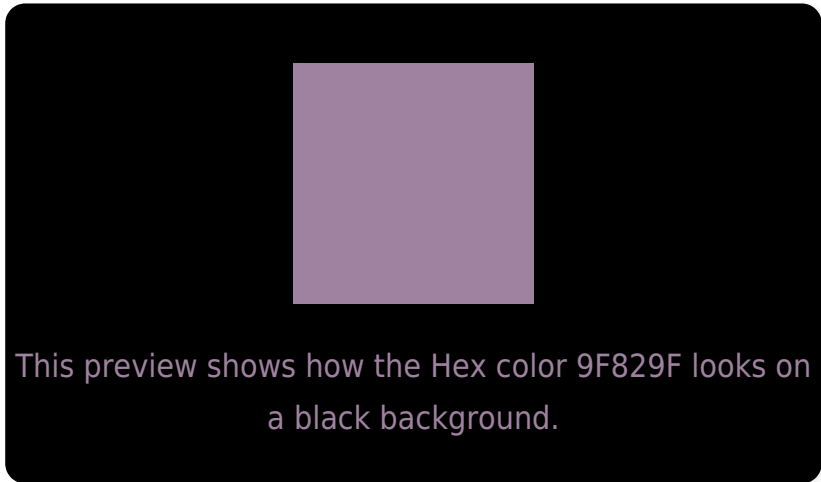
Large Text (above 18pt) WCAG AA ✓ Pass

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

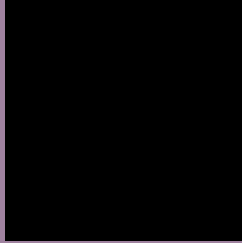
Any Text WCAG AA ✓ Pass

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 9F829F Background



This preview shows how black text looks on a background with the Hex color 9F829F.



This preview shows how white text looks on a background with the Hex color 9F829F.

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



Original Color
9F829F

Protanopia
868AA4

Deuteranopia
90889E



Tritanopia
9D858F

Trichromacy



Original Color
9F829F

Protanomaly
8F87A2

Deuteranomaly
95869E

Tritanomaly
9E8495

Monochromacy



Original Color
9F829F

Achromatopsia
8E8E8E

Achromatomaly
948A94

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F829F 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 #9F829F looks like.

```
.text, #text, p{  
    color:#9F829F  
}
```

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 #9F829F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F829F
}
```

Border

The CSS property to change the border of an element to Hex 9F829F is called "border". The border property can be set on classes, ids or directly on the HTML element.

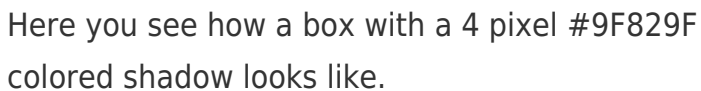
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F829F }
```

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

```
.border{ border-color:#9F829F }
```

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



Here you see how a box with a 4 pixel #9F829F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F829F; -webkit-box-shadow:4px 4px  
4px 4px #9F829F; box-shadow:4px 4px 4px  
4px #9F829F }
```

Background

The CSS property to change the background color of an element to Hex 9F829F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F829F }
```

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

```
.background{ background-color:#9F829F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor