

# Converting Colors

Hex(9F81A2)

Have a look what the booklet for  
Hex(9F81A2) contains.

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# **Color**

**Hex(9F81A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F81A2
RGB	159, 129, 162
RGB Percent	62%, 51%, 64%
CMY	0.3765, 0.4941, 0.3647
CMYK	0.02, 0.20, 0.00, 0.36
HSL	295°, 15%, 57%
HSV	295°, 20%, 64%
XYZ	28.6699, 25.6801, 37.6281
YIQ	141.7320, 7.2870, 16.6230

# Conversions

## Conversions Part 2

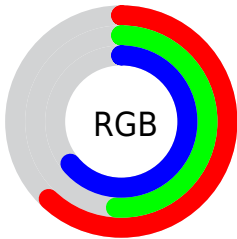
Format	Color
<a href="#">RYB</a>	<a href="#">159, 129, 162</a>
Decimal	<a href="#">10453410</a>
CIELab	<a href="#">57.73, 17.51, -13.23</a>
CIELCh	<a href="#">58, 21.947, 322.941</a>
Yxy	<a href="#">25.6801, 0.3117, 0.2792</a>
Android (android.graphics.Color)	<a href="#">4288643490</a> <a href="#">(0xFF9F81A2)</a>
YUV	<a href="#">141.7320, 9.9921, 15.1440</a>
Hunter-Lab	<a href="#">50.6755, 12.3051, -8.5518</a>

# Details

The Hex color **9F81A2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **84A281**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D6B6D9**, and **6B506E** is the 20% darker color. If you saturate the color by 10%, you get **9E71A2**, and if you desaturate by 10%, it is **A091A2**.

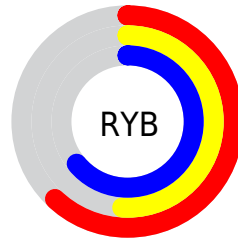
# Distribution



Red (62%)

Green (51%)

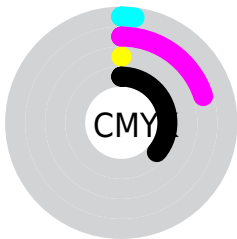
Blue (64%)



Red (62%)

Yellow (51%)

Blue (64%)

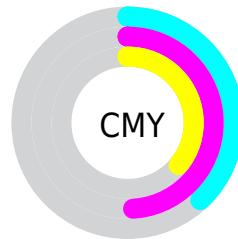


Cyan (2%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (49%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F81A2 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 9F81A2 by changing the saturation by 10% instead.





9F81A2



9F81A2

FFFFFF



856888



D6B6D9



6B506E



F2D2F5



533856



FFEEFF



3B223F



250E29



090014



000000



9F81A2



9F81A2



9E71A2



A091A2

9C61A2

A2A1A2

9B50A2

A3B2A2

9940A2

A5C2A2

9830A2

A6D2A2

9620A2

A8E2A2

9510A2

A9F2A2

9300A2

ABFFA2

ACFFA2

# Harmonies

## Analogous

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



8887AE



9F81A2



AE7D90

# Triad

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



9F81A2



9D8865



529599

# Complementary

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



9F81A2



84A281

# 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.



5F9585



9F81A2



898E67

# Square

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



9F81A2



AB826D



739373



5793A9

# Rectangle

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



9F81A2



B27D83



739373



559693



# Sweetspot

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



9F81A2



D2C7D4



8184A2



6A646B



EBEBEB



6B6B6B



# Same Dimension

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



9F81A2



CFA1D4



A28195



514952



840091



100012



# Inverse Universe

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



A28184



D4A1A5



81A28E



52494A



91000D

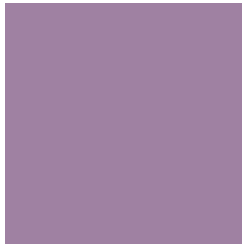


120002



# Previews

## White Background



This preview shows how the Hex color 9F81A2 looks on a white background.

## Color Contrast Check

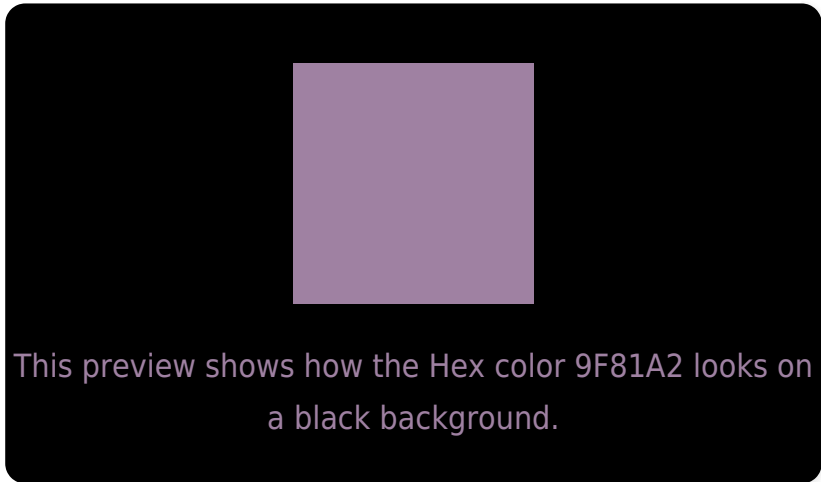
Large Text (above 18pt) WCAG AA ✓ Pass

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

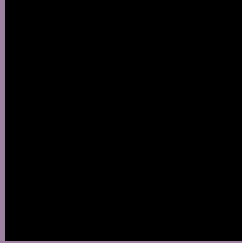
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F81A2 Background



This preview shows how black text looks on a background with the Hex color 9F81A2.

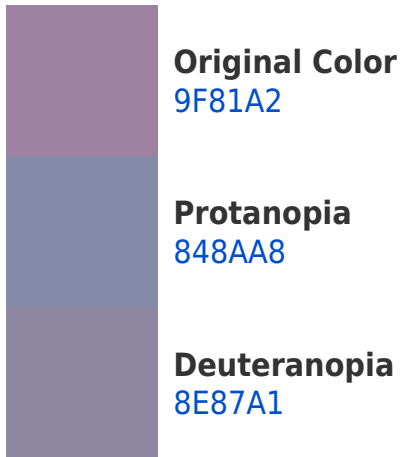



This preview shows how white text looks on a background with the Hex color 9F81A2.

# 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**  
9C848F

# Trichromacy



**Original Color**  
9F81A2

**Protanomaly**  
8E87A6

**Deuteranomaly**  
9485A1

**Tritanomaly**  
9D8396

# Monochromacy



**Original Color**  
9F81A2

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
948995

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F81A2 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 #9F81A2 looks like.

```
.text, #text, p{  
    color:#9F81A2  
}
```

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 #9F81A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F81A2
}
```

## Border

The CSS property to change the border of an element to Hex 9F81A2 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
#9F81A2 }
```

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

```
.border{ border-color:#9F81A2 }
```

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

Here you see how a box with a 4 pixel #9F81A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F81A2; -webkit-box-shadow:4px 4px  
4px 4px #9F81A2; box-shadow:4px 4px 4px  
4px #9F81A2 }
```

# Background

The CSS property to change the background color of an element to Hex 9F81A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F81A2 }
```

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

```
.background{ background-color:#9F81A2 }
```

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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