

Converting Colors

Hex(9F87A3)

Have a look what the booklet for
Hex(9F87A3) contains.

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Color

Hex(9F87A3)

Conversions

Conversions Part 1

Format	Color
Hex	9F87A3
RGB	159, 135, 163
RGB Percent	62%, 53%, 64%
CMY	0.3765, 0.4706, 0.3608
CMYK	0.02, 0.17, 0.00, 0.36
HSL	291°, 13%, 58%
HSV	291°, 17%, 64%
XYZ	29.5729, 27.3432, 38.3694
YIQ	145.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

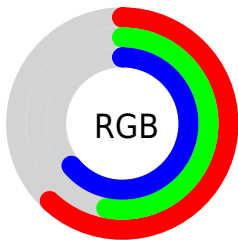
Format	Color
RYB	159, 135, 163
Decimal	10454947
CIELab	59.29, 14.28, -11.45
CIELCh	59, 18.307, 321.266
Yxy	27.3432, 0.3104, 0.2870
Android (android.graphics.Color)	4288645027 (0xFF9F87A3)
YUV	145.3680, 8.6926, 11.9553
Hunter-Lab	52.2907, 9.4415, -6.9018

Details

The Hex color **9F87A3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **8BA387**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D6BCDA**, and **6B556F** is the 20% darker color. If you saturate the color by 10%, you get **9D77A3**, and if you desaturate by 10%, it is **A197A3**.

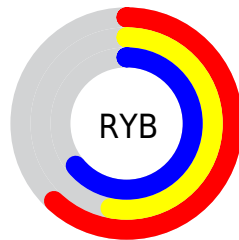
Distribution



Red (62%)

Green (53%)

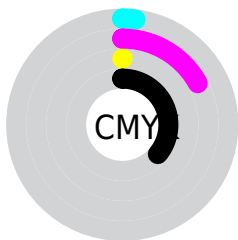
Blue (64%)



Red (62%)

Yellow (53%)

Blue (64%)

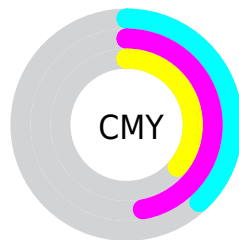


Cyan (2%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F87A3 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 9F87A3 by changing the saturation by 10% instead.



9F87A3



9F87A3

FFFFFF



856E89



D6BCDA



6B556F



F2D8F6



533E57



FFF5FF



3C2840



25132A



100015



000000



9F87A3



9F87A3



9D77A3



A197A3

9A66A3

A4A8A3

9856A3

A6B8A3

9646A3

A8C8A3

9336A3

ABD9A3

9125A3

ADE9A3

8F15A3

AFF9A3

8C05A3

B2FFA3

8C00A3

B4FFA3

Harmonies

Analogous

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



8B8CAD



9F87A3



AC8494

Triad

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



9F87A3



9F8C6F



63989A

Complementary

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



9F87A3



8BA387

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.



6C9889



9F87A3



8F9171

Square

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



9F87A3



AB8776



7C957A



6696A7

Rectangle

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



9F87A3



B08389



7C957A



649894

Sweetspot

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



9F87A3



D2C9D4



878BA3



6A656B



EBEBEB



6B6B6B

Same Dimension

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



9F87A3



CDA7D4



A38799



504952



7D0091



0F0012

Inverse Universe

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



A3878B



D4A7AE



87A391



52494B



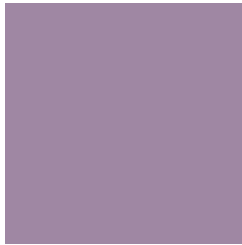
910015



120003

Previews

White Background



This preview shows how the Hex color 9F87A3 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



This preview shows how the Hex color 9F87A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

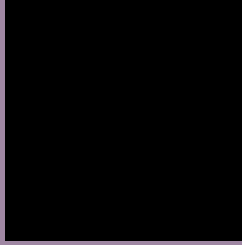
Any Text WCAG AA ✓ Pass

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 9F87A3 Background



This preview shows how black text looks on a background with the Hex color 9F87A3.



This preview shows how white text looks on a background with the Hex color 9F87A3.

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
9F87A3

Protanopia
8A8EA7

Deuteranopia
948BA2



Tritanopia
9D8A94

Trichromacy



Original Color
9F87A3

Protanomaly
928BA6

Deuteranomaly
988AA2

Tritanomaly
9E8999

Monochromacy



Original Color
9F87A3

Achromatopsia
919191

Achromatomaly
968D98

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F87A3 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 #9F87A3 looks like.

```
.text, #text, p{  
    color:#9F87A3  
}
```

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 #9F87A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F87A3
}
```

Border

The CSS property to change the border of an element to Hex 9F87A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

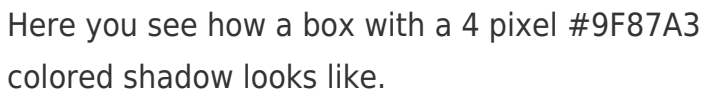
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F87A3 }
```

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

```
.border{ border-color:#9F87A3 }
```

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



Here you see how a box with a 4 pixel #9F87A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F87A3; -webkit-box-shadow:4px 4px  
4px 4px #9F87A3; box-shadow:4px 4px 4px  
4px #9F87A3 }
```

Background

The CSS property to change the background color of an element to Hex 9F87A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F87A3 }
```

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

```
.background{ background-color:#9F87A3 }
```

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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