

# Converting Colors

Hex(9F9FA3)

Have a look what the booklet for  
Hex(9F9FA3) contains.

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# **Color**

**Hex(9F9FA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F9FA3
RGB	159, 159, 163
RGB Percent	62%, 62%, 64%
CMY	0.3765, 0.3765, 0.3608
CMYK	0.02, 0.02, 0.00, 0.36
HSL	240°, 2%, 63%
HSV	240°, 2%, 64%
XYZ	33.3071, 34.8115, 39.6142
YIQ	159.4560, -1.2840, 1.2440

# Conversions

## Conversions Part 2

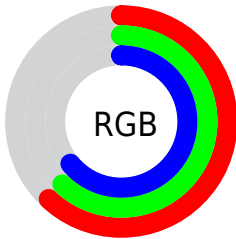
Format	Color
<a href="#">RYB</a>	<a href="#">159, 159, 163</a>
Decimal	<a href="#">10461091</a>
CIELab	<a href="#">65.60, 0.78, -2.09</a>
CIELCh	<a href="#">66, 2.225, 290.436</a>
Yxy	<a href="#">34.8115, 0.3092, 0.3231</a>
Android (android.graphics.Color)	<a href="#">4288651171 (0xFF9F9FA3)</a>
YUV	<a href="#">159.4560, 1.7472, -0.3999</a>
Hunter-Lab	<a href="#">59.0013, -2.4865, 1.4929</a>

# Details

The Hex color **9F9FA3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A3A39F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D6D6DA**, and **6C6C6F** is the 20% darker color. If you saturate the color by 10%, you get **8F8FA3**, and if you desaturate by 10%, it is **AFAFA3**.

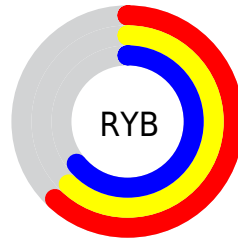
# Distribution



Red (62%)

Green (62%)

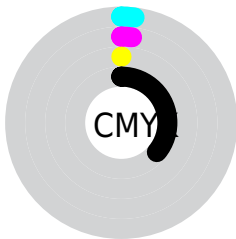
Blue (64%)



Red (62%)

Yellow (62%)

Blue (64%)

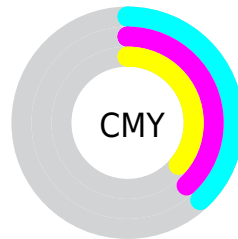


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (38%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9FA3 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 9F9FA3 by changing the saturation by 10% instead.



■ 9F9FA3

■ 9F9FA3

FFFFFF

■ 858589

■ D6D6DA

■ 6C6C6F

■ F2F2F6

■ 535357

■ 3C3C40

■ 27272A

■ 121215

■ 000000

■ 9F9FA3

■ 9F9FA3

■ 8F8FA3

■ AFAFA3

7E7EA3

C0C0A3

6E6EA3

D0D0A3

5E5EA3

E0E0A3

4E4EA3

F1F1A3

3D3DA3

FFFFA3

2D2DA3

1D1DA3

0C0CA3

# Harmonies

## Analogous

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



9DA0A3



9F9FA3



A19EA2

# Triad

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



9F9FA3



A39E9C



9BA19F

# Complementary

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



9F9FA3



A3A39F

# 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.



9DA09D



9F9FA3



A29F9B

# Square

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



9F9FA3



A49E9E



A0A09C



9BA1A1

# Rectangle

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



9F9FA3



A39EA1



A0A09C



9CA09E



# Sweetspot

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



9F9FA3



D2D2D4



9FA3A3



6A6A6B



EBEBEB



6B6B6B

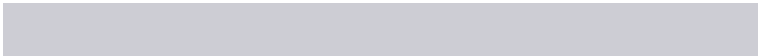


# Same Dimension

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



9F9FA3



CDCDD4



A19FA3



4E4E52



000091



000012



# Inverse Universe

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



A39FA3



D4CDD4



A1A39F



524E52



910091



120012



# Previews

## White Background



This preview shows how the Hex color 9F9FA3 looks on a white background.

## Color Contrast Check

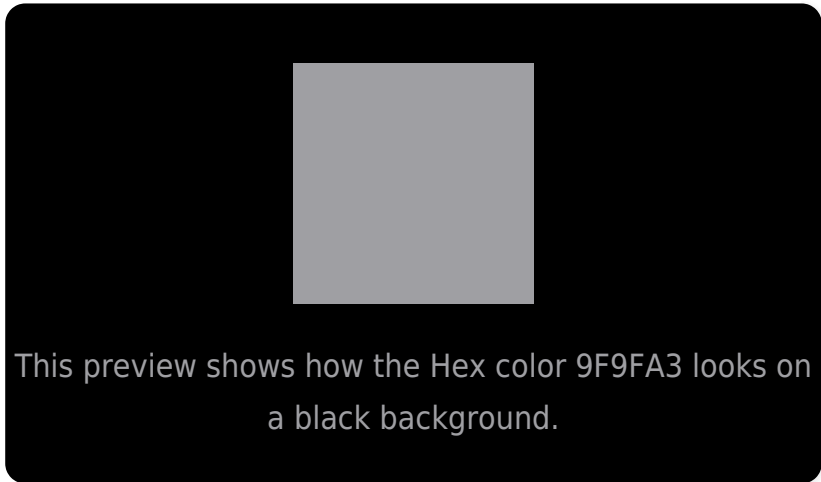
Large Text (above 18pt) WCAG AA × Fail

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

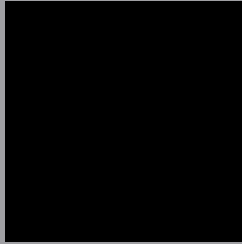
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

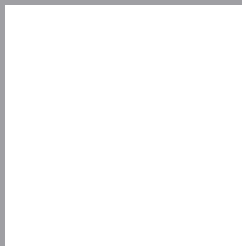
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F9FA3 Background



This preview shows how black text looks on a background with the Hex color 9F9FA3.



This preview shows how white text looks on a background with the Hex color 9F9FA3.

# 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**  
9F9FA3

**Protanopia**  
A19EA3

**Deuteranopia**  
AC9AA4



**Tritanopia**  
A09EAA

# Trichromacy



**Original Color**  
9F9FA3

**Protanomaly**  
A09EA3

**Deuteranomaly**  
A79CA4

**Tritanomaly**  
A09EA7

# Monochromacy



**Original Color**  
9F9FA3

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
9F9FA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9FA3 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 #9F9FA3 looks like.

```
.text, #text, p{  
    color:#9F9FA3  
}
```

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 #9F9FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9FA3
}
```

## Border

The CSS property to change the border of an element to Hex 9F9FA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

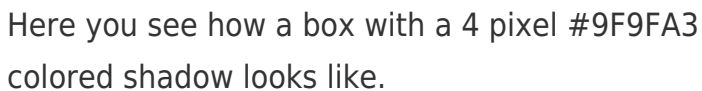
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F9FA3 }
```

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

```
.border{ border-color:#9F9FA3 }
```

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



Here you see how a box with a 4 pixel #9F9FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9FA3; -webkit-box-shadow:4px 4px  
4px 4px #9F9FA3; box-shadow:4px 4px 4px  
4px #9F9FA3 }
```

# Background

The CSS property to change the background color of an element to Hex 9F9FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9FA3 }
```

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

```
.background{ background-color:#9F9FA3 }
```

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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