

# Converting Colors

Hex(989FA1)

Have a look what the booklet for  
Hex(989FA1) contains.

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# **Color**

**Hex(989FA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989FA1
RGB	152, 159, 161
RGB Percent	60%, 62%, 63%
CMY	0.4039, 0.3765, 0.3686
CMYK	0.06, 0.01, 0.00, 0.37
HSL	193°, 5%, 61%
HSV	193°, 6%, 63%
XYZ	31.7801, 34.0449, 38.6145
YIQ	157.1350, -4.8140, -0.8620

# Conversions

## Conversions Part 2

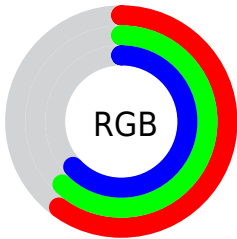
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 156, 161
Decimal	10002337
CIELab	65.00, -2.09, -1.91
CIELCh	65, 2.837, 222.443
Yxy	34.0449, 0.3043, 0.3260
Android (android.graphics.Color)	4288192417 (0xFF989FA1)
YUV	157.1350, 1.9054, -4.5034
Hunter-Lab	58.3480, -4.8865, 1.6056

# Details

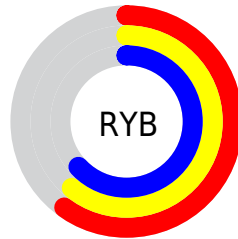
The Hex color **989FA1** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A19A98**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CED6D8**, and **656C6E** is the 20% darker color. If you saturate the color by 10%, you get **889BA1**, and if you desaturate by 10%, it is **A8A3A1**.

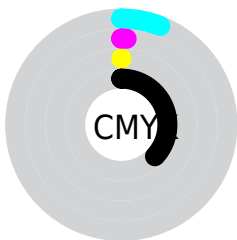
# Distribution



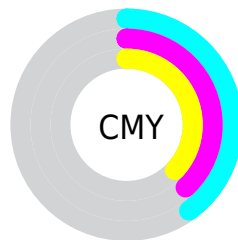
- Red (60%)
- Green (62%)
- Blue (63%)



- Red (60%)
- Yellow (61%)
- Blue (63%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)



- Cyan (40%)
- Magenta (38%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989FA1 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 989FA1 by changing the saturation by 10% instead.





989FA1



989FA1

FFFFFF



7E8587



CED6D8



656C6E



EAF2F4



4D5355



363C3E



212728



0B1214



000000



989FA1



989FA1



889BA1



A8A3A1

7898A1

B8A6A1

6894A1

C8AAA1

5891A1

D8ADA1

488DA1

E9B1A1

378AA1

F9B4A1

2786A1

FFB8A1

1782A1

FFBCA1

077FA1

FFBFA1

# Harmonies

## Analogous

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



989F9F



989FA1



9A9EA2

# Triad

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



989FA1



A29C9F



9F9E99

# Complementary

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



989FA1



A19A98

# 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.



A19D99



989FA1



A39C9D

# Square

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



989FA1



A09DA1



A39C9A



9C9F9A

# Rectangle

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



989FA1



9B9EA3



A39C9A



A09E99



# Sweetspot

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



989FA1



CDD0D1



98A19A



666869



E8E8E8



696969



# Same Dimension

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



989FA1



C2CED1



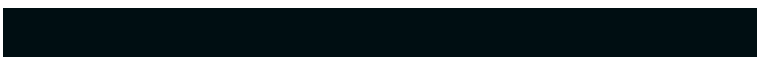
989BA1



4B5052



007191



000E12



# Inverse Universe

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



A1989F



D1C2CE



A19E98



524B50



910071



12000E



# Previews

## White Background



This preview shows how the Hex color 989FA1 looks on a white background.

## Color Contrast Check

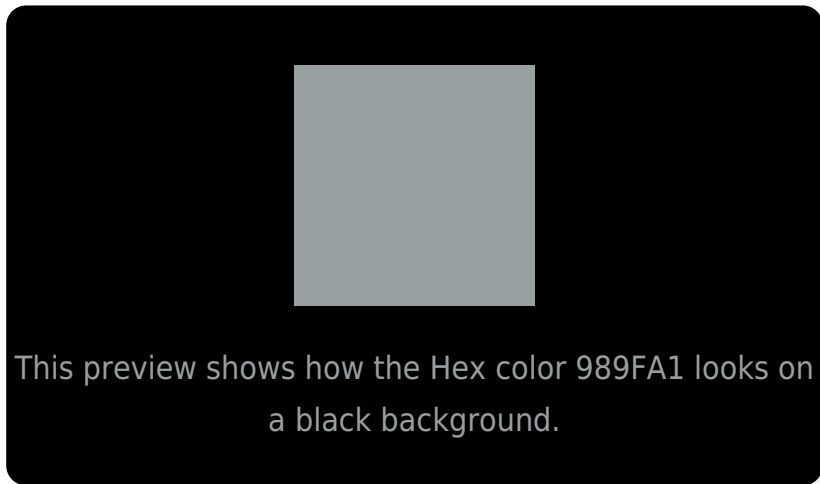
Large Text (above 18pt) WCAG AA × Fail

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

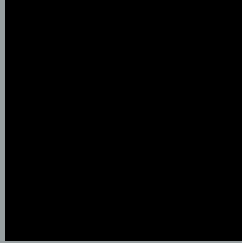
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

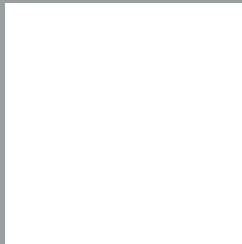
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989FA1 Background



This preview shows how black text looks on a background with the Hex color 989FA1.



This preview shows how white text looks on a background with the Hex color 989FA1.

# 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**  
989FA1

**Protanopia**  
A09DA0

**Deuteranopia**  
AB99A2



# Trichromacy



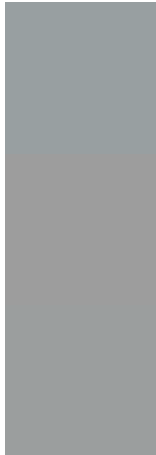
**Original Color**  
989FA1

**Protanomaly**  
9D9EA0

**Deuteranomaly**  
A49BA2

**Tritanomaly**  
999EA7

# Monochromacy



**Original Color**  
989FA1

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
9B9E9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989FA1 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 #989FA1 looks like.

```
.text, #text, p{  
    color:#989FA1  
}
```

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 #989FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989FA1
}
```

## Border

The CSS property to change the border of an element to Hex 989FA1 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
#989FA1 }
```

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

```
.border{ border-color:#989FA1 }
```

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

Here you see how a box with a 4 pixel #989FA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989FA1; -webkit-box-shadow:4px 4px  
4px 4px #989FA1; box-shadow:4px 4px 4px  
4px #989FA1 }
```

# Background

The CSS property to change the background color of an element to Hex 989FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989FA1 }
```

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

```
.background{ background-color:#989FA1 }
```

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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