

# Converting Colors

Hex(989F91)

Have a look what the booklet for  
Hex(989F91) contains.

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# **Color**

**Hex(989F91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989F91
RGB	152, 159, 145
RGB Percent	60%, 62%, 57%
CMY	0.4039, 0.3765, 0.4314
CMYK	0.04, 0.00, 0.09, 0.38
HSL	90°, 7%, 60%
HSV	90°, 9%, 62%
XYZ	30.4579, 33.5160, 31.6520
YIQ	155.3110, 0.3220, -5.8380

# Conversions

## Conversions Part 2

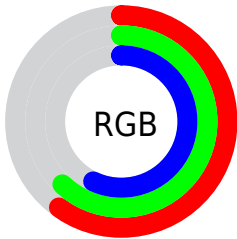
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 159, 152
Decimal	10002321
CIELab	64.58, -5.16, 6.44
CIELCh	65, 8.248, 128.701
Yxy	33.5160, 0.3185, 0.3505
Android (android.graphics.Color)	4288192401 (0xFF989F91)
YUV	155.3110, -5.0833, -2.9037
Hunter-Lab	57.8930, -7.4028, 8.1093

# Details

The Hex color **989F91** is a light color, and the websafe version is hex **999999**. A complement of this color would be **98919F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CED6C7**, and **656C5F** is the 20% darker color. If you saturate the color by 10%, you get **909F81**, and if you desaturate by 10%, it is **A09FA1**.

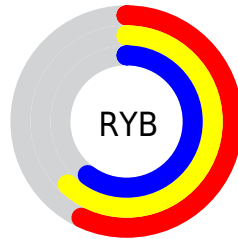
# Distribution



Red (60%)

Green (62%)

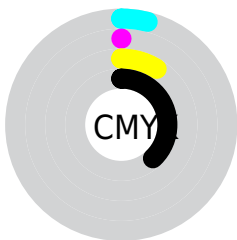
Blue (57%)



Red (57%)

Yellow (62%)

Blue (60%)

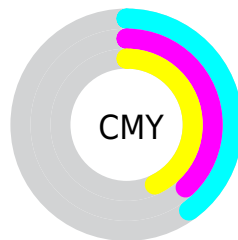


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989F91 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 989F91 by changing the saturation by 10% instead.



■ 989F91

■ 989F91

FFFFFF

■ 7E8577

■ CED6C7

■ 656C5F

■ EAF2E3

■ 4D5347

■ 363C31

■ 21271C

■ 0B1201

■ 000000

■ 989F91

■ 989F91

■ 909F81

■ A09FA1

 889F71


 A89FB1

 809F61

 B09FC1

 789F51

 B89FD1

 709F42

 C09FE1

 689F32

 C89FF0

 609F22

 D09FFF

 589F12

 D89FFF

 509F02

 E09FFF

# Harmonies

## Analogous

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



A19D8E



989F91



90A197

# Triad

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



989F91



8F9FAA



AC989B

# Complementary

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



989F91



98919F

# 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.



A898A2



989F91



989CAB

# Square

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



989F91



8BA0A5



A19AA8



AC9894

# Rectangle

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



989F91



8CA19C



A19AA8



AB989D



# Sweetspot

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



989F91



CBCFC8



9F9891



666964



E8E8E8



696969



# Same Dimension

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



989F91



C3CFB8



919F91



4B4F47



478F00



080F00



# Inverse Universe

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



98919F



C3B8CF



9F919F



4B474F



47008F



08000F



# Previews

## White Background



This preview shows how the Hex color 989F91 looks on a white background.

## Color Contrast Check

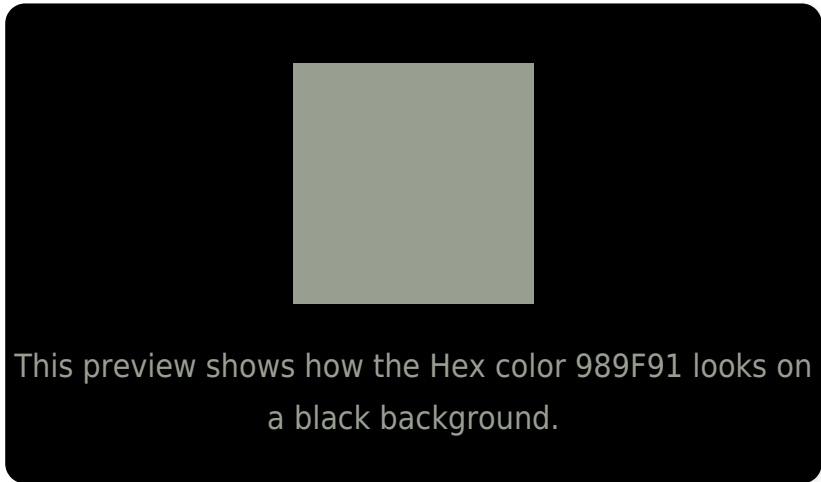
Large Text (above 18pt) WCAG AA × Fail

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

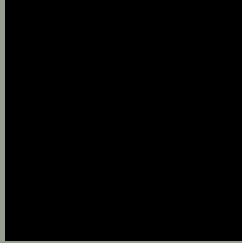
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 989F91 Background



This preview shows how black text looks on a background with the Hex color 989F91.



This preview shows how white text looks on a background with the Hex color 989F91.

# 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**  
989F91

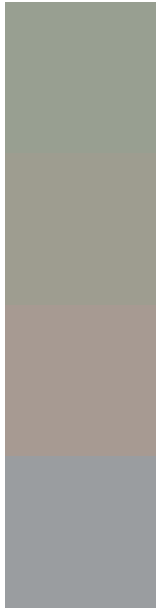
**Protanopia**  
A29C8F

**Deuteranopia**  
AF9793



**Tritanopia**  
9B9CA8

# Trichromacy



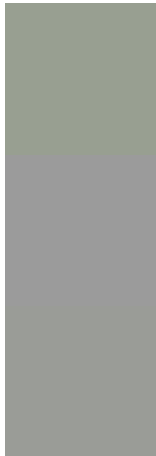
**Original Color**  
989F91

**Protanomaly**  
9E9D90

**Deuteranomaly**  
A79A92

**Tritanomaly**  
9A9DA0

# Monochromacy



**Original Color**  
989F91

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
9A9C97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989F91 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 #989F91 looks like.

```
.text, #text, p{  
    color:#989F91  
}
```

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 #989F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989F91
}
```

## Border

The CSS property to change the border of an element to Hex 989F91 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
#989F91 }
```

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

```
.border{ border-color:#989F91 }
```

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

Here you see how a box with a 4 pixel #989F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989F91; -webkit-box-shadow:4px 4px  
4px 4px #989F91; box-shadow:4px 4px 4px  
4px #989F91 }
```

# Background

The CSS property to change the background color of an element to Hex 989F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989F91 }
```

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

```
.background{ background-color:#989F91 }
```

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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