

# Converting Colors

Hex(9A9F90)

Have a look what the booklet for  
Hex(9A9F90) contains.

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# **Color**

**Hex(9A9F90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A9F90
RGB	154, 159, 144
RGB Percent	60%, 62%, 56%
CMY	0.3961, 0.3765, 0.4353
CMYK	0.03, 0.00, 0.09, 0.38
HSL	80°, 7%, 59%
HSV	80°, 9%, 62%
XYZ	30.7586, 33.6799, 31.2653
YIQ	155.7950, 1.8350, -5.7250

# Conversions

## Conversions Part 2

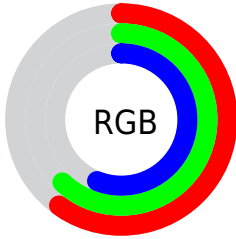
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 159, 149
Decimal	10133392
CIELab	64.71, -4.60, 7.20
CIELCh	65, 8.548, 122.556
Yxy	33.6799, 0.3214, 0.3519
Android (android.graphics.Color)	4288323472 (0xFF9A9F90)
YUV	155.7950, -5.8149, -1.5742
Hunter-Lab	58.0344, -6.9541, 8.6824

# Details

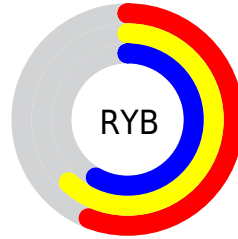
The Hex color **9A9F90** is a light color, and the websafe version is hex **999999**. A complement of this color would be **95909F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D0D6C6**, and **676C5E** is the 20% darker color. If you saturate the color by 10%, you get **959F80**, and if you desaturate by 10%, it is **9F9FA0**.

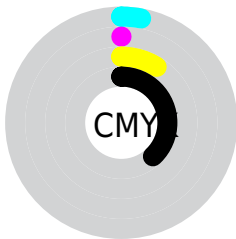
# Distribution



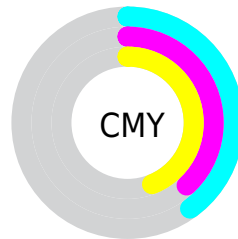
- Red (60%)
- Green (62%)
- Blue (56%)



- Red (56%)
- Yellow (62%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A9F90 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 9A9F90 by changing the saturation by 10% instead.





9A9F90



9A9F90

FFFFFF



808576



D0D6C6



676C5E



EDF2E2



4F5346

FFFFFFE



383C30



22271B



0D1200



000000



9A9F90



9A9F90



959F80



9F9FA0

 8F9F70

 A59FB0

 8A9F60

 AA9FC0

 859F50

 AF9FD0

 7F9F40

 B59FE0

 7A9F31

 BA9FEF

 759F21

 BF9FFF

 709F11

 C49FFF

 6A9F01

 CA9FFF

# Harmonies

## Analogous

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



A39D8E



9A9F90



92A196

# Triad

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



9A9F90



8EA0AA



AD989D

# Complementary

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



9A9F90



95909F

# 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.



A899A4



9A9F90



969DAC

# Square

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



9A9F90



8AA1A5



9F9BAA



AD9895

# Rectangle

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



9A9F90



8DA19B



9F9BAA



AC989F



# Sweetspot

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



9A9F90



CCCFC8



9F9590



676964



E8E8E8



696969



# Same Dimension

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



9A9F90



C7CFB8



939F90



4C4F47



5F8F00



0A0F00



# Inverse Universe

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



95909F



BFB8CF



9D909F



4A474F



30008F



05000F



# Previews

## White Background



This preview shows how the Hex color 9A9F90 looks on a white background.

## Color Contrast Check

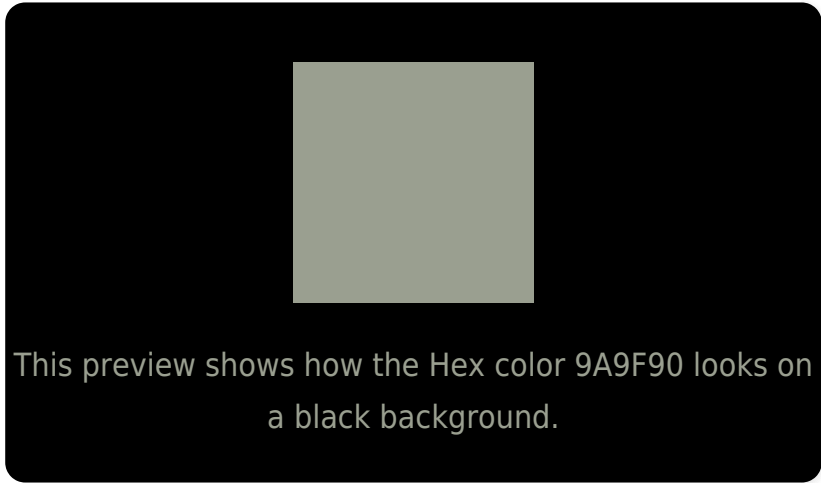
Large Text (above 18pt) WCAG AA × Fail

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

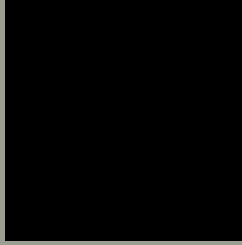
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9A9F90 Background



This preview shows how black text looks on a background with the Hex color 9A9F90.



This preview shows how white text looks on a background with the Hex color 9A9F90.

# 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**  
9A9F90

**Protanopia**  
A39C8F

**Deuteranopia**  
B09792



**Tritanopia**  
9E9CA8

# Trichromacy



**Original Color**  
9A9F90

**Protanomaly**  
A09D8F

**Deuteranomaly**  
A89A91

**Tritanomaly**  
9D9D9F

# Monochromacy



**Original Color**  
9A9F90

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9B9D98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A9F90 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 #9A9F90 looks like.

```
.text, #text, p{  
    color:#9A9F90  
}
```

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 #9A9F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9F90
}
```

## Border

The CSS property to change the border of an element to Hex 9A9F90 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
#9A9F90 }
```

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

```
.border{ border-color:#9A9F90 }
```

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

Here you see how a box with a 4 pixel #9A9F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9F90; -webkit-box-shadow:4px 4px  
4px 4px #9A9F90; box-shadow:4px 4px 4px  
4px #9A9F90 }
```

# Background

The CSS property to change the background color of an element to Hex 9A9F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9F90 }
```

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

```
.background{ background-color:#9A9F90 }
```

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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