

# Converting Colors

Hex(949F93)

Have a look what the booklet for  
Hex(949F93) contains.

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# **Color**

**Hex(949F93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949F93
RGB	148, 159, 147
RGB Percent	58%, 62%, 58%
CMY	0.4196, 0.3765, 0.4235
CMYK	0.07, 0.00, 0.08, 0.38
HSL	115°, 6%, 60%
HSV	115°, 8%, 62%
XYZ	29.8773, 33.1988, 32.4371
YIQ	154.3430, -2.7040, -6.0640

# Conversions

## Conversions Part 2

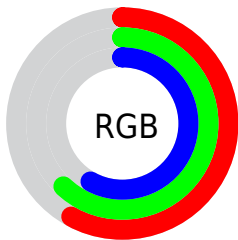
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 159, 158
Decimal	9740179
CIELab	64.32, -6.25, 4.91
CIELCh	64, 7.945, 141.823
Yxy	33.1988, 0.3128, 0.3476
Android (android.graphics.Color)	4287930259 (0xFF949F93)
YUV	154.3430, -3.6201, -5.5628
Hunter-Lab	57.6184, -8.2730, 6.9547

# Details

The Hex color **949F93** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9E939F**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CAD6C9**, and **616C60** is the 20% darker color. If you saturate the color by 10%, you get **859F83**, and if you desaturate by 10%, it is **A39FA3**.

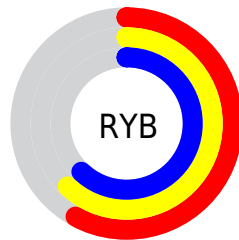
# Distribution



Red (58%)

Green (62%)

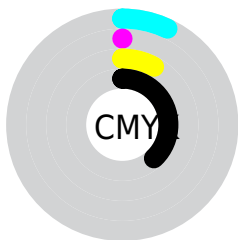
Blue (58%)



Red (58%)

Yellow (62%)

Blue (62%)

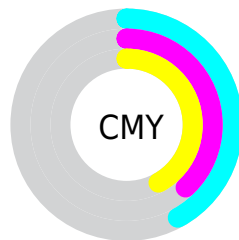


Cyan (7%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949F93 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 949F93 by changing the saturation by 10% instead.



■ 949F93

■ 949F93

FFFFFF

■ 7A8579

■ CAD6C9

■ 616C60

■ E6F2E5

■ 4A5349

■ 333C32

■ 1E271D

■ 051204

■ 000000

■ 949F93

■ 949F93

■ 859F83

■ A39FA3

 779F73

 B19FB3

 689F63

 C09FC3

 5A9F53

 CE9FD3

 4B9F43

 DD9FE3

 3D9F34


 EB9FF2

 2E9F24

 FA9FFF

 1F9F14

 FF9FFF

 119F04

# Harmonies

## Analogous

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



9C9D8F



949F93



8DA09A

# Triad

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



949F93



929DAA



AC9797

# Complementary

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



949F93



9E939F

# 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.



A9979E



949F93



9B9BA9

# Square

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



949F93



8C9FA7



A399A5



AA9991

# Rectangle

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



949F93



8BA09F



A399A5



AB9799



# Sweetspot

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



949F93



CBCFCA



9F9E93



676966



E8E8E8



696969



# Same Dimension

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



949F93



BECFBC



939F98



484F47



0C8F00



010F00



# Inverse Universe

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



9E939F



CDBCCF



9F939A



4E474F



83008F

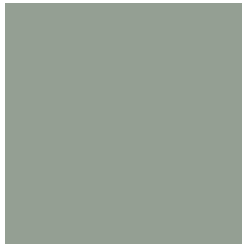


0E000F



# Previews

## White Background



This preview shows how the Hex color 949F93 looks on a white background.

## Color Contrast Check

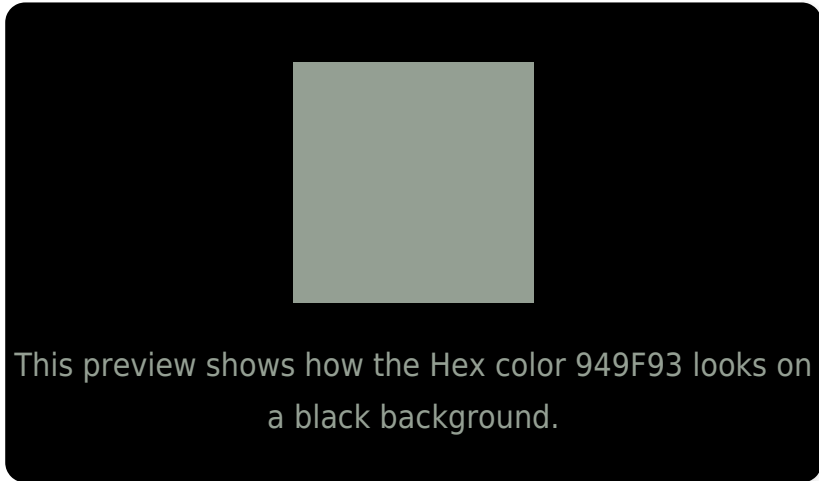
Large Text (above 18pt) WCAG AA × Fail

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

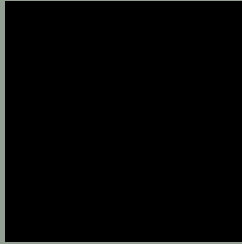
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 949F93 Background



This preview shows how black text looks on a background with the Hex color 949F93.



This preview shows how white text looks on a background with the Hex color 949F93.

# 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**  
949F93

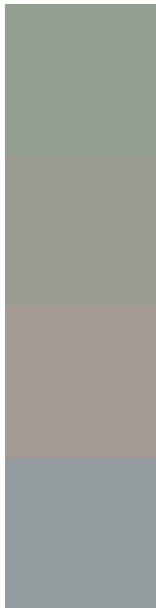
**Protanopia**  
A19B91

**Deuteranopia**  
AD9695



**Tritanopia**  
979CA8

# Trichromacy



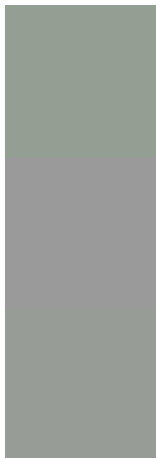
**Original Color**  
949F93

**Protanomaly**  
9C9C92

**Deuteranomaly**  
A49994

**Tritanomaly**  
969DA0

# Monochromacy



**Original Color**  
949F93

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
989C97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949F93 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 #949F93 looks like.

```
.text, #text, p{  
    color:#949F93  
}
```

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 #949F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949F93  
}
```

## Border

The CSS property to change the border of an element to Hex 949F93 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  
#949F93 }
```

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

```
.border{ border-color:#949F93 }
```

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

Here you see how a box with a 4 pixel #949F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949F93; -webkit-box-shadow:4px 4px  
4px 4px #949F93; box-shadow:4px 4px 4px  
4px #949F93 }
```

# Background

The CSS property to change the background color of an element to Hex 949F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949F93 }
```

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

```
.background{ background-color:#949F93 }
```

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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