

# Converting Colors

Hex(99959F)

Have a look what the booklet for  
Hex(99959F) contains.

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# **Color**

**Hex(99959F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99959F
RGB	153, 149, 159
RGB Percent	60%, 58%, 62%
CMY	0.4000, 0.4157, 0.3765
CMYK	0.04, 0.06, 0.00, 0.38
HSL	264°, 5%, 60%
HSV	264°, 6%, 62%
XYZ	30.1423, 30.7704, 37.1515
YIQ	151.3360, -0.8260, 3.9580

# Conversions

## Conversions Part 2

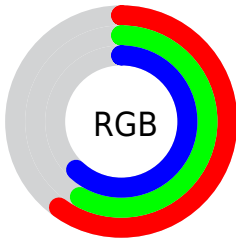
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 149, 159
Decimal	10065311
CIE Lab	62.31, 3.41, -4.73
CIE LCh	62, 5.834, 305.795
Yxy	30.7704, 0.3074, 0.3138
Android (android.graphics.Color)	4288255391 (0xFF99959F)
YUV	151.3360, 3.7784, 1.4593
Hunter-Lab	55.4711, -0.0796, -0.8795

# Details

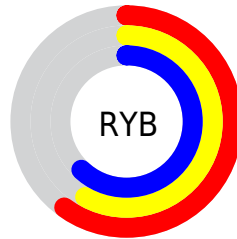
The Hex color **99959F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9B9F95**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CFCBD6**, and **66626C** is the 20% darker color. If you saturate the color by 10%, you get **8F859F**, and if you desaturate by 10%, it is **A3A59F**.

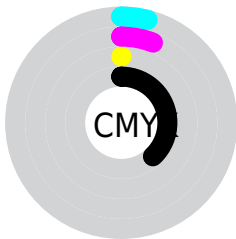
# Distribution



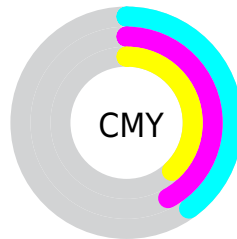
- Red (60%)
- Green (58%)
- Blue (62%)



- Red (60%)
- Yellow (58%)
- Blue (62%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (42%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99959F 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 99959F by changing the saturation by 10% instead.





99959F



99959F

FFFFFF



7F7B85



CFCBD6



66626C



ECE7F2



4E4B53



37343C



221F27



0C0612



000000



99959F



99959F



8F859F



A3A59F

86759F

ACB59F

7C659F

B6C59F

73559F

BFD59F

69469F

C9E59F

60369F

D2F49F

56269F

DCFF9F

4D169F

E5FF9F

43069F

EFFF9F

# Harmonies

## Analogous

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



9397A1



99959F



9E949B

# Triad

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



99959F



9F958D



8B9A97

# Complementary

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



99959F



9B9F95

# 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.



8E9992



99959F



9A978C

# Square

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



99959F



A29491



94988E



8A999C

# Rectangle

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



99959F



A19398



94988E



8C9A96



# Sweetspot

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



99959F



CCCACF



959B9F



676669



E8E8E8



696969



# Same Dimension

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



99959F



C5BECF



9E959F



4A474F



39008F



06000F



# Inverse Universe

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



9F959B



CFBEC8



969F95



4F474C



8F0056



0F0009



# Previews

## White Background



This preview shows how the Hex color 99959F looks on a white background.

## Color Contrast Check

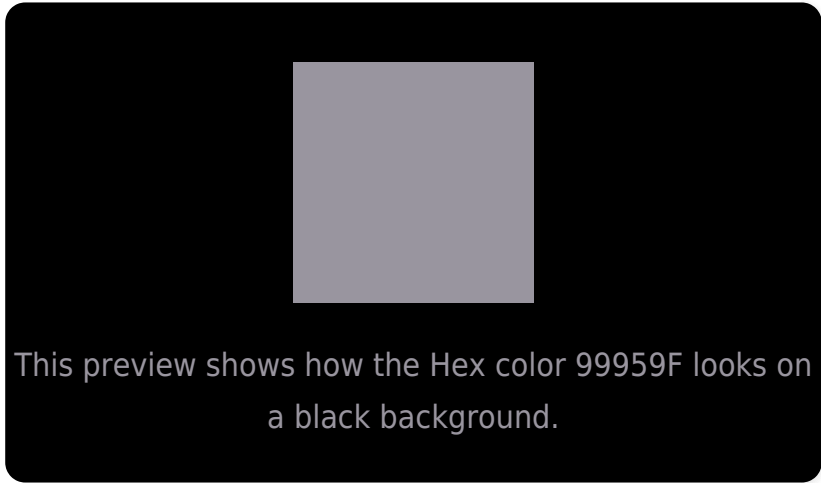
Large Text (above 18pt) WCAG AA × Fail

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

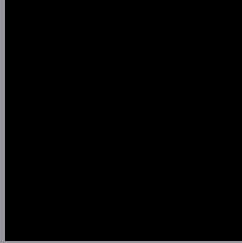
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

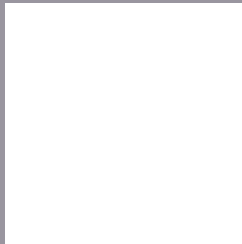
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99959F Background



This preview shows how black text looks on a background with the Hex color 99959F.



This preview shows how white text looks on a background with the Hex color 99959F.

# 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**  
99959F

**Protanopia**  
97969F

**Deuteranopia**  
A192A0



**Tritanopia**  
9995A0

# Trichromacy



**Original Color**

99959F

**Protanomaly**

98969F

**Deuteranomaly**

9E93A0

**Tritanomaly**

9995A0

# Monochromacy



**Original Color**

99959F

**Achromatopsia**

979797

**Achromatomaly**

98969A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99959F 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 #99959F looks like.

```
.text, #text, p{  
    color:#99959F  
}
```

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 #99959F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99959F
}
```

## Border

The CSS property to change the border of an element to Hex 99959F 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
#99959F }
```

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

```
.border{ border-color:#99959F }
```

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

Here you see how a box with a 4 pixel #99959F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99959F; -webkit-box-shadow:4px 4px  
4px 4px #99959F; box-shadow:4px 4px 4px  
4px #99959F }
```

# Background

The CSS property to change the background color of an element to Hex 99959F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99959F }
```

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

```
.background{ background-color:#99959F }
```

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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