

# Converting Colors

Hex(93989A)

Have a look what the booklet for  
Hex(93989A) contains.

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# **Color**

**Hex(93989A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93989A
RGB	147, 152, 154
RGB Percent	58%, 60%, 60%
CMY	0.4235, 0.4039, 0.3961
CMYK	0.05, 0.01, 0.00, 0.40
HSL	197°, 3%, 59%
HSV	197°, 5%, 60%
XYZ	29.0936, 30.9926, 35.0206
YIQ	150.7330, -3.6220, -0.4380

# Conversions

## Conversions Part 2

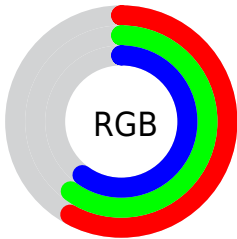
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 150, 154
Decimal	9672858
CIELab	62.50, -1.40, -1.68
CIELCh	63, 2.189, 230.267
Yxy	30.9926, 0.3059, 0.3259
Android (android.graphics.Color)	4287862938 (0xFF93989A)
YUV	150.7330, 1.6106, -3.2738
Hunter-Lab	55.6710, -4.1404, 1.6725

# Details

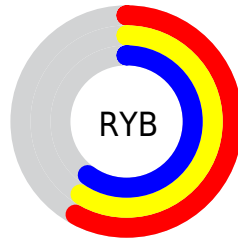
The Hex color **93989A** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A9593**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C9CED0**, and **606567** is the 20% darker color. If you saturate the color by 10%, you get **84949A**, and if you desaturate by 10%, it is **A29C9A**.

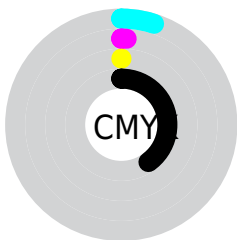
# Distribution



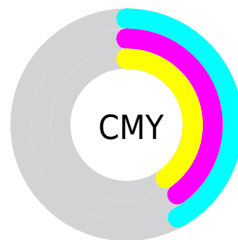
- Red (58%)
- Green (60%)
- Blue (60%)



- Red (58%)
- Yellow (59%)
- Blue (60%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 93989A 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 93989A by changing the saturation by 10% instead.



■ 93989A

■ 93989A

FFFFFF

■ 797E80

■ C9CED0

■ 606567

■ E5EAED

■ 494D4F

■ 323638

■ 1D2123

■ 040A0D

■ 000000

■ 93989A

■ 93989A

■ 84949A

■ A29C9A

748F9A

B2A19A

658B9A

C1A59A

55869A

D1AA9A

46829A

E0AE9A

377E9A

EFB29A

27799A

FFB79A

18759A

FFBB9A

08709A

FFC09A

# Harmonies

## Analogous

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



939898



93989A



95979B

# Triad

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



93989A



9B9698



979793

# Complementary

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



93989A



9A9593

# 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.



9A9793



93989A



9C9696

# Square

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



93989A



99969A



9B9694



959895

# Rectangle

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



93989A



96979B



9B9694



989793



# Sweetspot

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



93989A



C7C9C9



939A95



656666



E6E6E6



666666



# Same Dimension

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



93989A



BFC7C9



93959A



484B4D



00648C



00090D



# Inverse Universe

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



9A9398



C9BFC7



9A9893



4D484B



8C0064



0D0009



# Previews

## White Background



This preview shows how the Hex color 93989A looks on a white background.

## Color Contrast Check

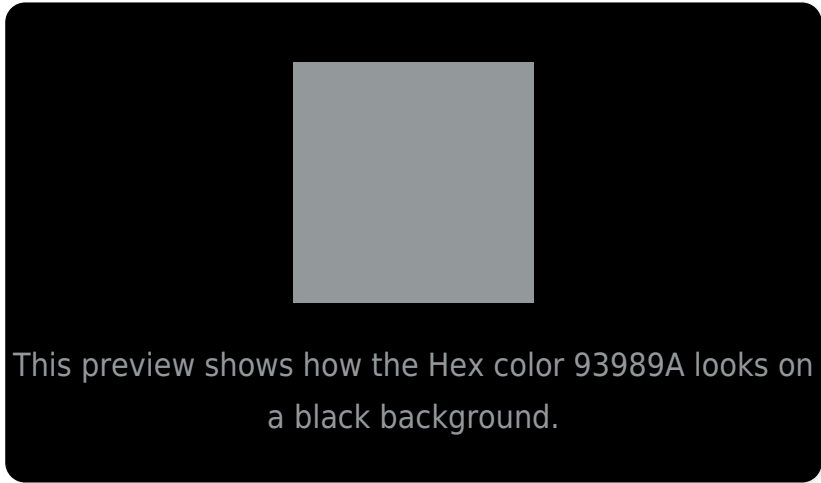
Large Text (above 18pt) WCAG AA × Fail

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

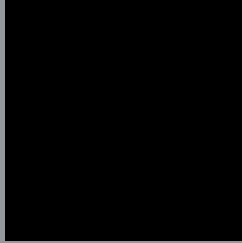
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

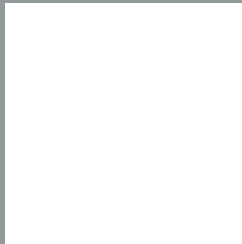
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93989A Background



This preview shows how black text looks on a background with the Hex color 93989A.



This preview shows how white text looks on a background with the Hex color 93989A.

# 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**  
93989A

**Protanopia**  
999699

**Deuteranopia**  
A4929B



**Tritanopia**  
9497A3

# Trichromacy



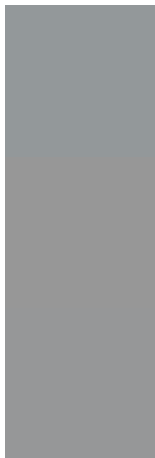
**Original Color**  
93989A

**Protanomaly**  
979799

**Deuteranomaly**  
9E949B

**Tritanomaly**  
9497A0

# Monochromacy



**Original Color**  
93989A

**Achromatopsia**  
979797

**Achromatomaly**  
969798

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93989A 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 #93989A looks like.

```
.text, #text, p{  
    color:#93989A  
}
```

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 #93989A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93989A
}
```

## Border

The CSS property to change the border of an element to Hex 93989A 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
#93989A }
```

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

```
.border{ border-color:#93989A }
```

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

Here you see how a box with a 4 pixel #93989A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93989A; -webkit-box-shadow:4px 4px  
4px 4px #93989A; box-shadow:4px 4px 4px  
4px #93989A }
```

# Background

The CSS property to change the background color of an element to Hex 93989A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93989A }
```

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

```
.background{ background-color:#93989A }
```

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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