

# Converting Colors

Hex(999E9A)

Have a look what the booklet for  
Hex(999E9A) contains.

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# **Color**

**Hex(999E9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999E9A
RGB	153, 158, 154
RGB Percent	60%, 62%, 60%
CMY	0.4000, 0.3804, 0.3961
CMYK	0.03, 0.00, 0.03, 0.38
HSL	132°, 3%, 61%
HSV	132°, 3%, 62%
XYZ	31.1965, 33.5591, 35.4052
YIQ	156.0490, -1.6960, -2.3040

# Conversions

## Conversions Part 2

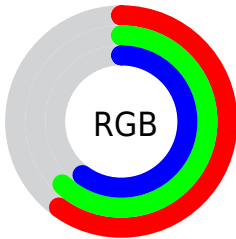
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 157, 158</a>
Decimal	<a href="#">10067610</a>
CIELab	<a href="#">64.61, -2.56, 1.45</a>
CIELCh	<a href="#">65, 2.946, 150.424</a>
Yxy	<a href="#">33.5591, 0.3115, 0.3351</a>
Android (android.graphics.Color)	<a href="#">4288257690 (0xFF999E9A)</a>
YUV	<a href="#">156.0490, -1.0102, -2.6740</a>
Hunter-Lab	<a href="#">57.9302, -5.2525, 4.3149</a>

# Details

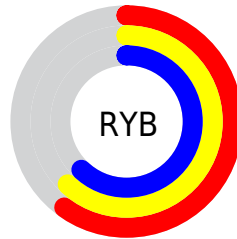
The Hex color **999E9A** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9E999D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CFD5D0**, and **666B67** is the 20% darker color. If you saturate the color by 10%, you get **899E8D**, and if you desaturate by 10%, it is **A99EA7**.

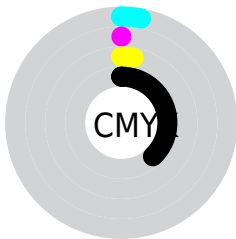
# Distribution



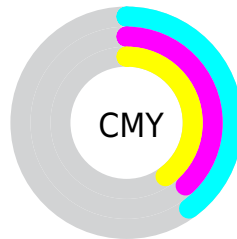
- Red (60%)
- Green (62%)
- Blue (60%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 999E9A 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 999E9A by changing the saturation by 10% instead.





999E9A



999E9A

FFFFFF



7F8480



CFD5D0



666B67



ECF1ED



4E534F



373C38



222623



0C110D



000000



999E9A



999E9A



899E8D



A99EA7

 799E81

 B99EB3

 6A9E74

 C89EC0

 5A9E67

 D89ECD

 4A9E5B

 E89ED9

 3A9E4E

 F89EE6

 2A9E42

 FF9EF2

 1B9E35

 FF9EFF

 0B9E28

# Harmonies

## Analogous

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



9C9D98



999E9A



979E9D

# Triad

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



999E9A



9A9DA2



A39B9A

# Complementary

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



999E9A



9E999D

# 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.



A29B9D



999E9A



9D9CA1

# Square

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



999E9A



989EA1



A09B9F



A19C98

# Rectangle

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



999E9A



969E9E



A09B9F



A39B9B



# Sweetspot

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



999E9A



CCCFCD



9D9E99



686968



E8E8E8



696969



# Same Dimension

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



999E9A



C6CFC8



999E9C



4B4F4C



008F1D



000F03



# Inverse Universe

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



9E999D



CFC6CD



9E999B



4F4B4E



8F0072



0F000C



# Previews

## White Background



This preview shows how the Hex color 999E9A looks on a white background.

## Color Contrast Check

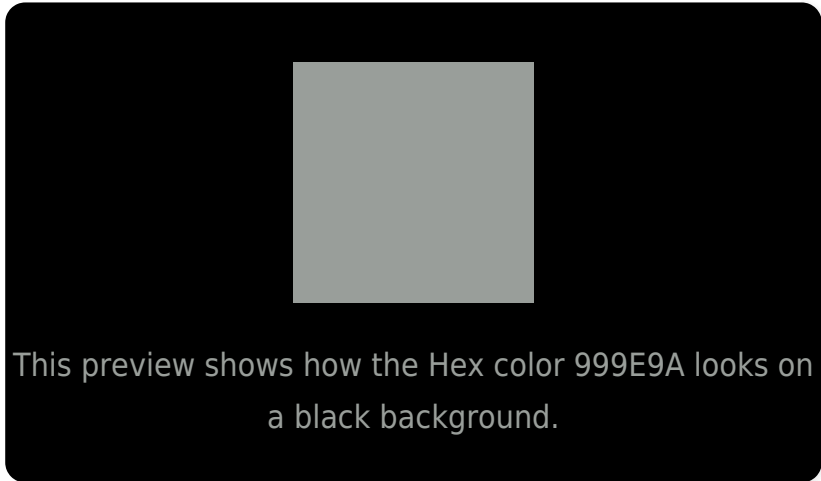
Large Text (above 18pt) WCAG AA × Fail

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

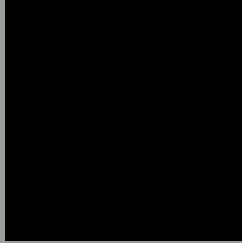
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

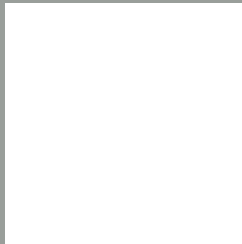
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 999E9A Background



This preview shows how black text looks on a background with the Hex color 999E9A.



This preview shows how white text looks on a background with the Hex color 999E9A.

# 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**  
999E9A

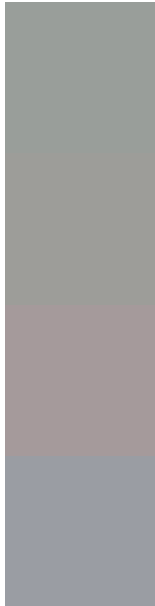
**Protanopia**  
A09C99

**Deuteranopia**  
AC989B



**Tritanopia**  
9B9CA8

# Trichromacy



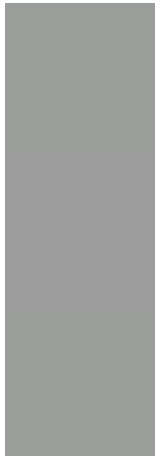
**Original Color**  
999E9A

**Protanomaly**  
9D9D99

**Deuteranomaly**  
A59A9B

**Tritanomaly**  
9A9DA3

# Monochromacy



**Original Color**  
999E9A

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9B9D9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999E9A 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 #999E9A looks like.

```
.text, #text, p{  
    color:#999E9A  
}
```

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 #999E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999E9A
}
```

## Border

The CSS property to change the border of an element to Hex 999E9A 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
#999E9A }
```

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

```
.border{ border-color:#999E9A }
```

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

Here you see how a box with a 4 pixel #999E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999E9A; -webkit-box-shadow:4px 4px  
4px 4px #999E9A; box-shadow:4px 4px 4px  
4px #999E9A }
```

# Background

The CSS property to change the background color of an element to Hex 999E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999E9A }
```

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

```
.background{ background-color:#999E9A }
```

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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