

# Converting Colors

Hex(999799)

Have a look what the booklet for  
Hex(999799) contains.

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# **Color**

**Hex(999799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999799
RGB	153, 151, 153
RGB Percent	60%, 59%, 60%
CMY	0.4000, 0.4078, 0.4000
CMYK	0.00, 0.01, 0.00, 0.40
HSL	300°, 1%, 60%
HSV	300°, 1%, 60%
XYZ	29.9532, 31.2054, 34.5815
YIQ	151.8260, 0.5500, 1.0460

# Conversions

## Conversions Part 2

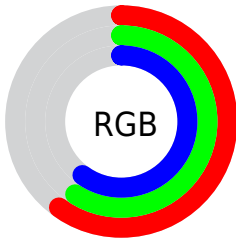
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 151, 153
Decimal	10065817
CIE Lab	62.68, 1.11, -0.80
CIE LCh	63, 1.372, 324.358
Yxy	31.2054, 0.3129, 0.3259
Android (android.graphics.Color)	4288255897 (0xFF999799)
YUV	151.8260, 0.5788, 1.0296
Hunter-Lab	55.8618, -2.0460, 2.3995

# Details

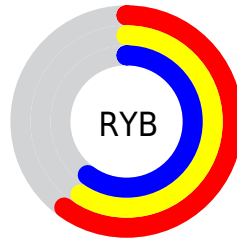
The Hex color **999799** is a light color, and the websafe version is hex **999999**. A complement of this color would be **979997**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CFCDCF**, and **666466** is the 20% darker color. If you saturate the color by 10%, you get **998899**, and if you desaturate by 10%, it is **99A699**.

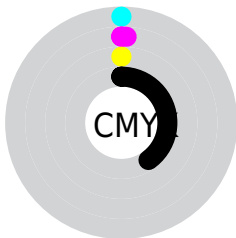
# Distribution



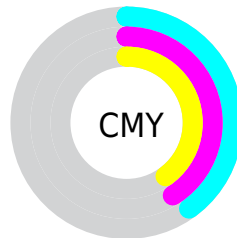
- Red (60%)
- Green (59%)
- Blue (60%)



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



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



- Cyan (40%)
- Magenta (41%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999799 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 999799 by changing the saturation by 10% instead.



■ 999799

■ 999799

FFFFFF

■ 7F7D7F

■ CFCD CF

■ 666466

■ ECE9EB

■ 4E4C4E

■ 373637

■ 222022

■ 0C090C

■ 000000

■ 999799

■ 999799

■ 998899

■ 99A699

 997899

 99B699

 996999

 99C599

 995A99

 99D499

 994B99

 99E499

 993B99

 99F399

 992C99

 99FF99

 991D99

 990D99

# Harmonies

## Analogous

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



98979A



999799



9A9798

# Triad

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



999799



999795



959899

# Complementary

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



999799



979997

# 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.



959897



999799



989895

# Square

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



999799



9A9796



969896



959899

# Rectangle

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



999799



9A9797



969896



959898



# Sweetspot

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



999799



C7C7C7



979799



636363



E3E3E3

# Same Dimension

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



999799



C7C3C7



999798



4D4B4D



8C008C



0D000D



# Inverse Universe

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



999799



C7C3C7



979998



4D4B4D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 999799 looks on a white background.

## Color Contrast Check

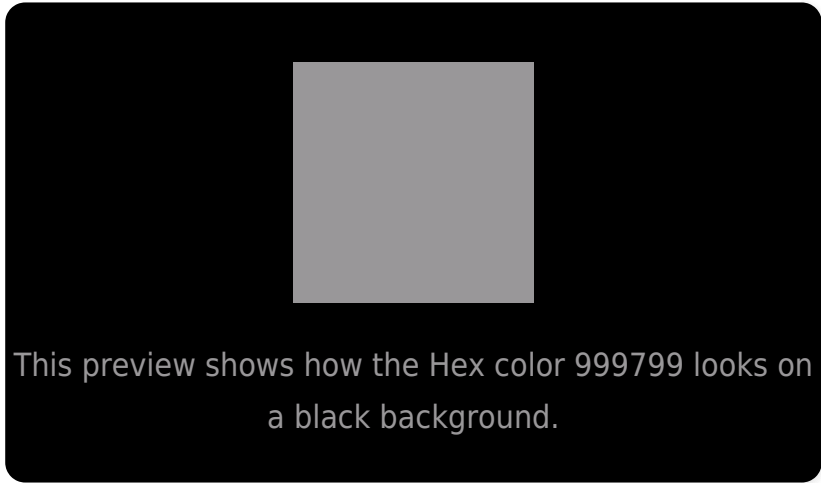
Large Text (above 18pt) WCAG AA × Fail

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

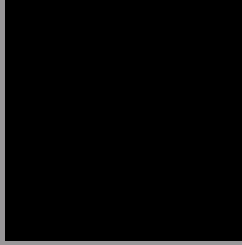
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

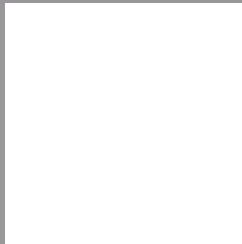
Any Text WCAG AAA ✓ Pass

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

## Hex 999799 Background



This preview shows how black text looks on a background with the Hex color 999799.



This preview shows how white text looks on a background with the Hex color 999799.



# 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**  
999799

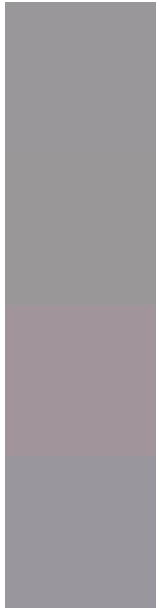
**Protanopia**  
9A9799

**Deuteranopia**  
A5939A



**Tritanopia**  
9A96A1

# Trichromacy



**Original Color**  
999799

**Protanomaly**  
9A9799

**Deuteranomaly**  
A1949A

**Tritanomaly**  
9A969E

# Monochromacy



**Original Color**  
999799

**Achromatopsia**  
989898

**Achromatomaly**  
989898

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999799 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 #999799 looks like.

```
.text, #text, p{  
    color:#999799  
}
```

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 #999799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999799
}
```

## Border

The CSS property to change the border of an element to Hex 999799 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
#999799 }
```

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

```
.border{ border-color:#999799 }
```

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

Here you see how a box with a 4 pixel #999799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999799; -webkit-box-shadow:4px 4px  
4px 4px #999799; box-shadow:4px 4px 4px  
4px #999799 }
```

# Background

The CSS property to change the background color of an element to Hex 999799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999799 }
```

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

```
.background{ background-color:#999799 }
```

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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