

# Converting Colors

Hex(999797)

Have a look what the booklet for  
Hex(999797) contains.

<b>Hex(999797)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	22
<b><i>Color Blindness Simulation</i></b> .....	25
<b><i>CSS Examples</i></b> .....	28

# **Color**

**Hex(999797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999797
RGB	153, 151, 151
RGB Percent	60%, 59%, 59%
CMY	0.4000, 0.4078, 0.4078
CMYK	0.00, 0.01, 0.01, 0.40
HSL	0°, 1%, 60%
HSV	0°, 1%, 60%
XYZ	29.7894, 31.1399, 33.7187
YIQ	151.5980, 1.1920, 0.4240

# Conversions

## Conversions Part 2

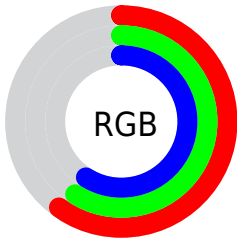
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 151, 151
Decimal	10065815
CIE Lab	62.63, 0.73, 0.25
CIE LCh	63, 0.772, 18.898
Yxy	31.1399, 0.3147, 0.3290
Android (android.graphics.Color)	4288255895 (0xFF999797)
YUV	151.5980, -0.2948, 1.2296
Hunter-Lab	55.8031, -2.3668, 3.2366

# Details

The Hex color **999797** is a light color, and the websafe version is hex **999999**. A complement of this color would be **979999**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CFCDCD**, and **666464** is the 20% darker color. If you saturate the color by 10%, you get **998888**, and if you desaturate by 10%, it is **99A6A6**.

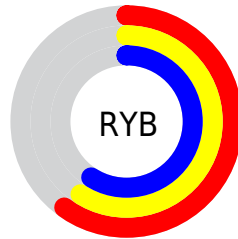
# Distribution



Red (60%)

Green (59%)

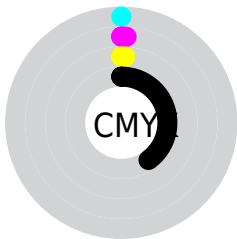
Blue (59%)



Red (60%)

Yellow (59%)

Blue (59%)

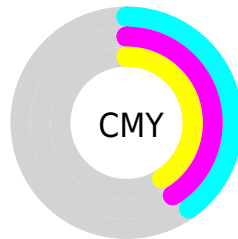


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999797 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 999797 by changing the saturation by 10% instead.





999797



999797

FFFFFF



7F7D7D



CFCD CD



666464



ECE9E9



4E4C4C



373636



222020



0C0909



000000



999797



999797



998888



99A6A6

 997878

 99B6B6

 996969

 99C5C5

 995A5A

 99D4D4

 994B4B

 99E4E4

 993B3B

 99F3F3

 992C2C

 99FFFF

 991D1D

 990D0D

# Harmonies

## Analogous

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



999798



999797



999796

# Triad

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



999797



979897



979899

# Complementary

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



999797



979999

# 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.



969898



999797



969897

# Square

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



999797



989896



969898



979799

# Rectangle

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



999797



999796



969898



969899



# Sweetspot

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



999797



C7C7C7



999799



636363



E3E3E3

# Same Dimension

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



999797



C7C3C3



999897



4D4B4B



8C0000



0D0000



# Inverse Universe

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



979999



C3C7C7



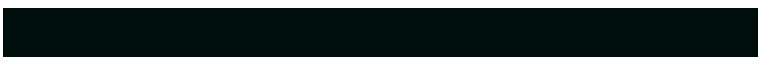
979899



4B4D4D



008C8C



000D0D



# Previews

## White Background



This preview shows how the Hex color 999797 looks on a white background.

## Color Contrast Check

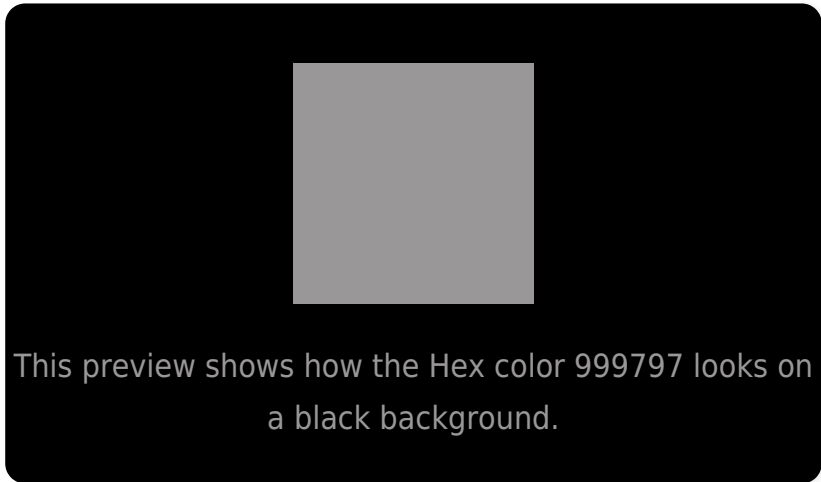
Large Text (above 18pt) WCAG AA × Fail

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

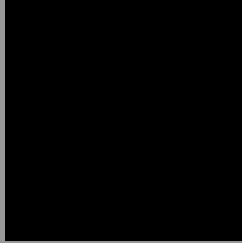
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

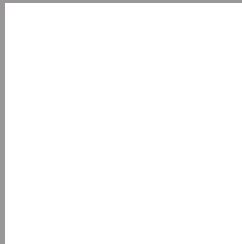
Any Text WCAG AAA ✓ Pass

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

## Hex 999797 Background



This preview shows how black text looks on a background with the Hex color 999797.



This preview shows how white text looks on a background with the Hex color 999797.



# 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**  
999797

**Protanopia**  
9A9797

**Deuteranopia**  
A69398



**Tritanopia**  
9B95A1

# Trichromacy



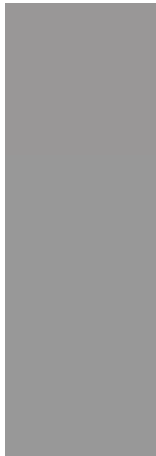
**Original Color**  
999797

**Protanomaly**  
9A9797

**Deuteranomaly**  
A19498

**Tritanomaly**  
9A969D

# Monochromacy



**Original Color**  
999797

**Achromatopsia**  
989898

**Achromatomaly**  
989898

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999797 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 #999797 looks like.

```
.text, #text, p{  
    color:#999797  
}
```

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 #999797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999797
}
```

## Border

The CSS property to change the border of an element to Hex 999797 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
#999797 }
```

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

```
.border{ border-color:#999797 }
```

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

Here you see how a box with a 4 pixel #999797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999797; -webkit-box-shadow:4px 4px  
4px 4px #999797; box-shadow:4px 4px 4px  
4px #999797 }
```

# Background

The CSS property to change the background color of an element to Hex 999797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999797 }
```

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

```
.background{ background-color:#999797 }
```

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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