

# Converting Colors

Hex(959795)

Have a look what the booklet for  
Hex(959795) contains.

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# **Color**

**Hex(959795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	959795
RGB	149, 151, 149
RGB Percent	58%, 59%, 58%
CMY	0.4157, 0.4078, 0.4157
CMYK	0.01, 0.00, 0.01, 0.41
HSL	120°, 1%, 59%
HSV	120°, 1%, 59%
XYZ	28.8859, 30.6927, 32.8356
YIQ	150.1740, -0.5500, -1.0460

# Conversions

## Conversions Part 2

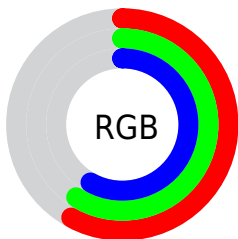
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 151, 151
Decimal	9803669
CIELab	62.25, -1.11, 0.79
CIELCh	62, 1.361, 144.524
Yxy	30.6927, 0.3126, 0.3321
Android (android.graphics.Color)	4287993749 (0xFF959795)
YUV	150.1740, -0.5788, -1.0296
Hunter-Lab	55.4010, -3.8826, 3.6401

# Details

The Hex color **959795** is a light color, and the websafe version is hex **999999**. A complement of this color would be **979597**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CBCDCB**, and **626462** is the 20% darker color. If you saturate the color by 10%, you get **869786**, and if you desaturate by 10%, it is **A497A4**.

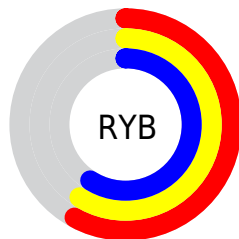
# Distribution



Red (58%)

Green (59%)

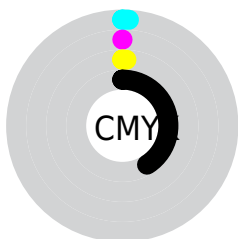
Blue (58%)



Red (58%)

Yellow (59%)

Blue (59%)

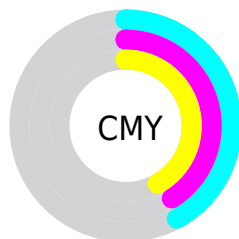


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959795 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 959795 by changing the saturation by 10% instead.



■ 959795

■ 959795

FFFFFF

■ 7B7D7B

■ CBCDCB

■ 626462

■ E7E9E7

■ 4B4C4B

■ 343634

■ 1F201F

■ 060906

■ 000000

■ 959795

■ 959795

■ 869786

■ A497A4

779777

B397B3

689768

C297C2

599759

D197D1

4A974A

E197E1

3A973A

F097F0

2B972B

FF97FF

1C971C

0D970D

# Harmonies

## Analogous

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



969794



959795



949796

# Triad

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



959795



959799



999695

# Complementary

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



959795



979597

# 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.



999697



959795



969699

# Square

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



959795



949798



989698



999695

# Rectangle

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



959795



949797



989698



999696



# Sweetspot

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



959795



C4C4C4



979795



636363



E3E3E3

# Same Dimension

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



959795



C0C4C0



959796



4B4D4B



008C00



000D00



# Inverse Universe

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



979597



C4C0C4



979596



4D4B4D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 959795 looks on a white background.

## Color Contrast Check

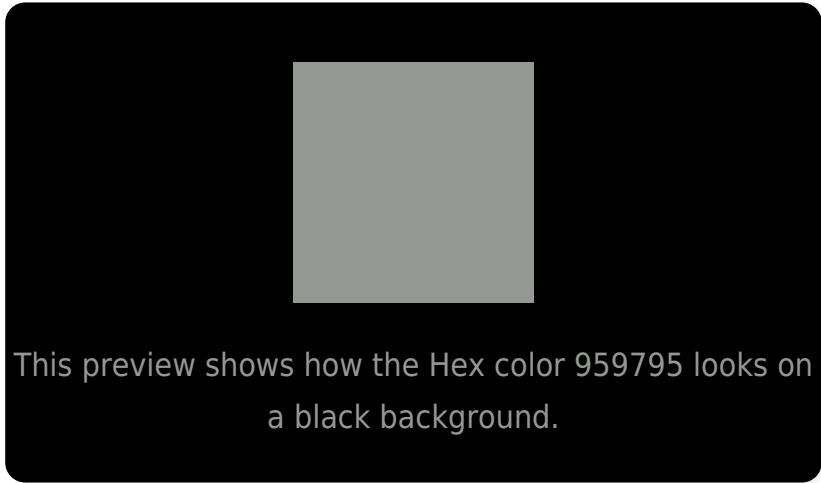
Large Text (above 18pt) WCAG AA × Fail

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

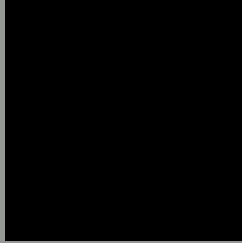
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

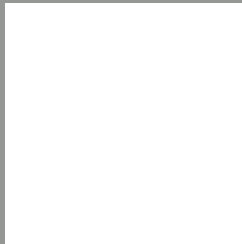
Any Text WCAG AAA ✓ Pass

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

## Hex 959795 Background



This preview shows how black text looks on a background with the Hex color 959795.



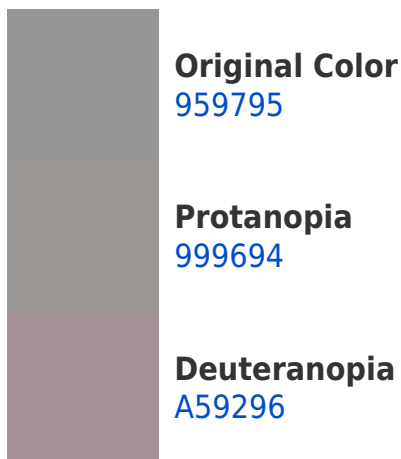
This preview shows how white text looks on a background with the Hex color 959795.



# 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](#).

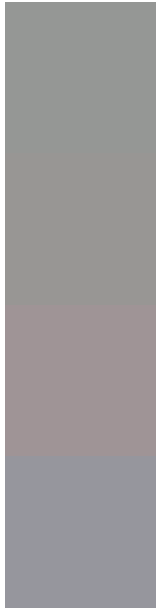
## Dichromacy





**Tritanopia**  
9795A1

# Trichromacy



**Original Color**  
959795

**Protanomaly**  
989694

**Deuteranomaly**  
9F9496

**Tritanomaly**  
96969D

# Monochromacy



**Original Color**  
959795

**Achromatopsia**  
969696

**Achromatomaly**  
969696

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959795 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 #959795 looks like.

```
.text, #text, p{  
    color:#959795  
}
```

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 #959795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959795
}
```

## Border

The CSS property to change the border of an element to Hex 959795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

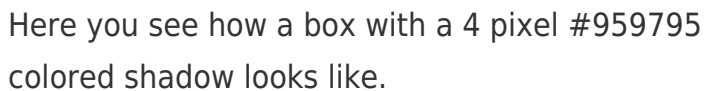
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#959795 }
```

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

```
.border{ border-color:#959795 }
```

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



Here you see how a box with a 4 pixel #959795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959795; -webkit-box-shadow:4px 4px  
4px 4px #959795; box-shadow:4px 4px 4px  
4px #959795 }
```

# Background

The CSS property to change the background color of an element to Hex 959795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959795 }
```

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

```
.background{ background-color:#959795 }
```

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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