

# Converting Colors

Hex(979693)

Have a look what the booklet for  
Hex(979693) contains.

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# **Color**

**Hex(979693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979693
RGB	151, 150, 147
RGB Percent	59%, 59%, 58%
CMY	0.4078, 0.4118, 0.4235
CMYK	0.00, 0.01, 0.03, 0.41
HSL	45°, 2%, 58%
HSV	45°, 3%, 59%
XYZ	28.9353, 30.4986, 31.9655
YIQ	149.9570, 1.5590, -0.7210

# Conversions

## Conversions Part 2

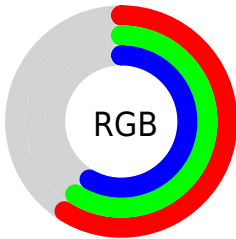
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 151, 147
Decimal	9934483
CIELab	62.08, -0.20, 1.70
CIELCh	62, 1.712, 96.843
Yxy	30.4986, 0.3166, 0.3337
Android (android.graphics.Color)	4288124563 (0xFF979693)
YUV	149.9570, -1.4578, 0.9147
Hunter-Lab	55.2255, -3.1199, 4.3398

# Details

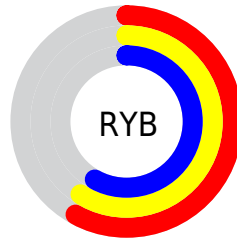
The Hex color **979693** is a light color, and the websafe version is hex **999999**. A complement of this color would be **939497**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CDCCC9**, and **646361** is the 20% darker color. If you saturate the color by 10%, you get **979284**, and if you desaturate by 10%, it is **979AA2**.

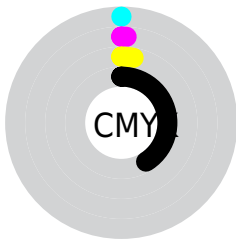
# Distribution



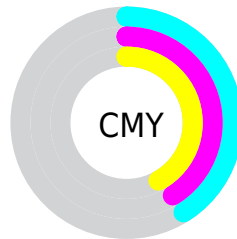
- Red (59%)
- Green (59%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979693 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 979693 by changing the saturation by 10% instead.



 979693

 979693

FFFFFF

 7D7C79

 CDCCC9

 646361

 E9E8E5

 4C4B49

 363532

 20201D

 090803

 000000

 979693

 979693

 979284

 979AA2

 978E75

 979EB1

 978B66

 97A1C0

 978757

 97A5CF

 978347

 97A9DE

 977F38

 97ADEE

 977C29

 97B0FD

 97781A

 97B4FF

 97740B

 97B8FF

# Harmonies

## Analogous

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



999693



979693



959694

# Triad

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



979693



939798



989597

# Complementary

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



979693



939497

# 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.



979698



979693



939699

# Square

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



979693



939796



959699



999596

# Rectangle

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



979693



949794



959699



989598



# Sweetspot

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



979693



C4C4C2



979394



636362



E3E3E3



636363



# Same Dimension

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



979693



C4C3BE



969793



4D4C49



8C6900



0D0A00



# Inverse Universe

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



939497



BEC0C4



949397



494A4D



00238C



00030D



# Previews

## White Background



This preview shows how the Hex color 979693 looks on a white background.

## Color Contrast Check

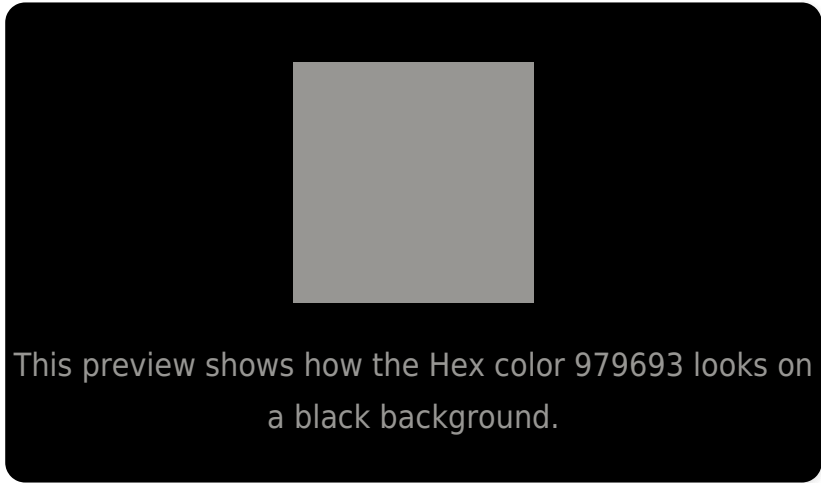
Large Text (above 18pt) WCAG AA × Fail

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

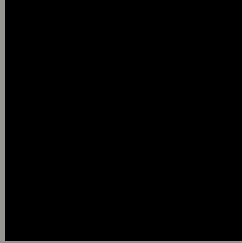
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

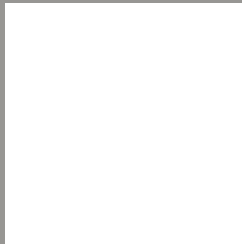
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 979693 Background



This preview shows how black text looks on a background with the Hex color 979693.



This preview shows how white text looks on a background with the Hex color 979693.

# 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**  
979693

**Protanopia**  
999593

**Deuteranopia**  
A59194



**Tritanopia**  
9994A0

# Trichromacy



**Original Color**  
979693

**Protanomaly**  
989593

**Deuteranomaly**  
A09394

**Tritanomaly**  
98959B

# Monochromacy



**Original Color**  
979693

**Achromatopsia**  
969696

**Achromatomaly**  
969695

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979693 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 #979693 looks like.

```
.text, #text, p{  
    color:#979693  
}
```

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 #979693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979693
}
```

## Border

The CSS property to change the border of an element to Hex 979693 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
#979693 }
```

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

```
.border{ border-color:#979693 }
```

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

Here you see how a box with a 4 pixel #979693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979693; -webkit-box-shadow:4px 4px  
4px 4px #979693; box-shadow:4px 4px 4px  
4px #979693 }
```

# Background

The CSS property to change the background color of an element to Hex 979693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979693 }
```

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

```
.background{ background-color:#979693 }
```

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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