

# Converting Colors

Hex(979479)

Have a look what the booklet for  
Hex(979479) contains.

<b>Hex(979479)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(979479)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	979479
RGB	151, 148, 121
RGB Percent	59%, 58%, 47%
CMY	0.4078, 0.4196, 0.5255
CMYK	0.00, 0.02, 0.20, 0.41
HSL	54°, 13%, 53%
HSV	54°, 20%, 59%
XYZ	26.8036, 29.1396, 22.3010
YIQ	145.8190, 10.4550, -7.7610

# Conversions

## Conversions Part 2

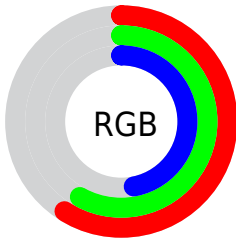
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 151, 121
Decimal	9933945
CIELab	60.90, -3.60, 14.70
CIELCh	61, 15.137, 103.761
Yxy	29.1396, 0.3426, 0.3724
Android (android.graphics.Color)	4288124025 (0xFF979479)
YUV	145.8190, -12.2358, 4.5437
Hunter-Lab	53.9811, -5.8351, 13.2926

# Details

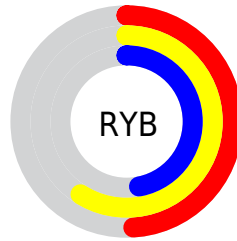
The Hex color **979479** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **797C97**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CDCAAD**, and **646148** is the 20% darker color. If you saturate the color by 10%, you get **97926A**, and if you desaturate by 10%, it is **979688**.

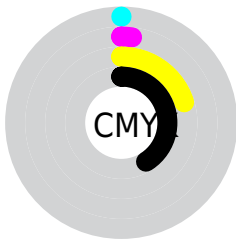
# Distribution



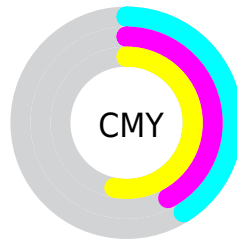
- Red (59%)
- Green (58%)
- Blue (47%)



- Red (49%)
- Yellow (59%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979479 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 979479 by changing the saturation by 10% instead.





979479



979479

FFFFFF



7D7A60



CDCAAD



646148



EAE6C9



4C4A32



FFFFE5



35331C



201E04



000600



000000



979479



979479



97926A



979688

97915B

979797

978F4C

9799A6

978E3D

979AB5

978C2E

979CC4

978B1E

979DD4

97890F

979FE3

978800

97A0F2

97A2FF

# Harmonies

## Analogous

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



A4907A



979479



88987F

# Triad

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



979479



7199A5



A98A9B

# Complementary

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



979479



797C97

# 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.



9D8EA6



979479



7B96AC

# Square

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



979479



719B99



8C92AD



AF8A8D

# Rectangle

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



979479



7E9A87



8C92AD



A68B9F



# Sweetspot

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



979479



C4C3B9



97797C



63635C



E3E3E3



636363



# Same Dimension

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



979479



C4C095



8B9779



4D4C45



8C7E00



0D0B00



# Inverse Universe

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



797C97



959AC4



857997



45464D



000E8C



00010D



# Previews

## White Background



This preview shows how the Hex color 979479 looks on a white background.

## Color Contrast Check

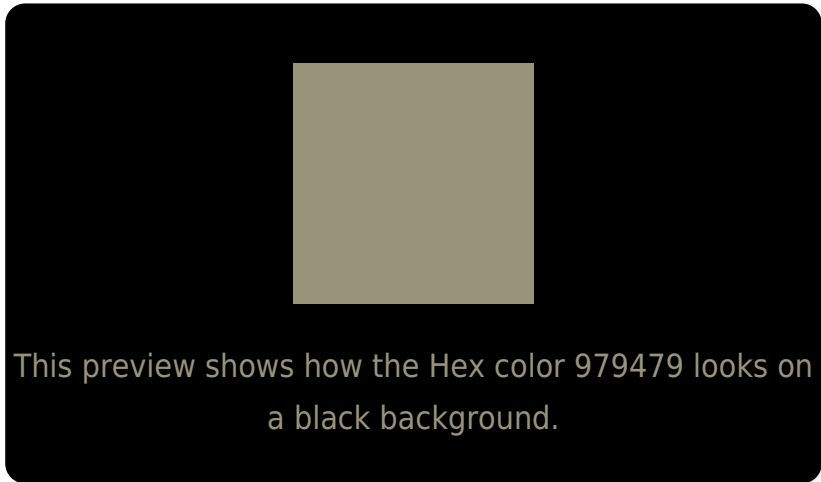
Large Text (above 18pt) WCAG AA ✓ Pass

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

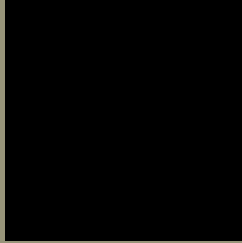
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

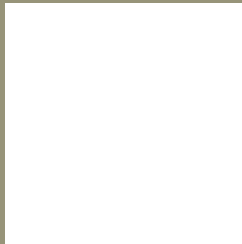
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 979479 Background



This preview shows how black text looks on a background with the Hex color 979479.



This preview shows how white text looks on a background with the Hex color 979479.

# 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**  
979479

**Protanopia**  
9B9378

**Deuteranopia**  
AA8D7A



**Tritanopia**  
9B8F9B

# Trichromacy



**Original Color**  
979479

**Protanomaly**  
9A9378

**Deuteranomaly**  
A3907A

**Tritanomaly**  
9A918F

# Monochromacy



**Original Color**  
979479

**Achromatopsia**  
929292

**Achromatomaly**  
949389

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979479 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 #979479 looks like.

```
.text, #text, p{  
    color:#979479  
}
```

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 #979479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979479
}
```

## Border

The CSS property to change the border of an element to Hex 979479 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
#979479 }
```

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

```
.border{ border-color:#979479 }
```

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

Here you see how a box with a 4 pixel #979479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979479; -webkit-box-shadow:4px 4px  
4px 4px #979479; box-shadow:4px 4px 4px  
4px #979479 }
```

# Background

The CSS property to change the background color of an element to Hex 979479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979479 }
```

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

```
.background{ background-color:#979479 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor