

# Converting Colors

Hex(979B75)

Have a look what the booklet for  
Hex(979B75) contains.

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# **Color**

**Hex(979B75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979B75
RGB	151, 155, 117
RGB Percent	59%, 61%, 46%
CMY	0.4078, 0.3922, 0.5412
CMYK	0.03, 0.00, 0.25, 0.39
HSL	66°, 16%, 53%
HSV	66°, 25%, 61%
XYZ	27.6947, 31.3064, 21.4127
YIQ	149.4720, 9.8140, -12.6660

# Conversions

## Conversions Part 2

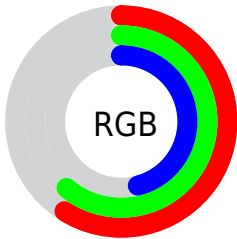
Format	Color
<a href="#">RYB</a>	<a href="#">117, 155, 121</a>
Decimal	<a href="#">9935733</a>
CIELab	<a href="#">62.77, -8.03, 19.50</a>
CIELCh	<a href="#">63, 21.085, 112.377</a>
Yxy	<a href="#">31.3064, 0.3444, 0.3893</a>
Android (android.graphics.Color)	<a href="#">4288125813 (0xFF979B75)</a>
YUV	<a href="#">149.4720, -16.0087, 1.3401</a>
Hunter-Lab	<a href="#">55.9521, -9.5636, 16.4764</a>

# Details

The Hex color **979B75** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **79759B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CED1A9**, and **646844** is the 20% darker color. If you saturate the color by 10%, you get **959B65**, and if you desaturate by 10%, it is **999B84**.

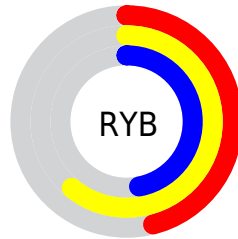
# Distribution



Red (59%)

Green (61%)

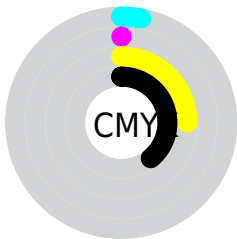
Blue (46%)



Red (46%)

Yellow (61%)

Blue (47%)

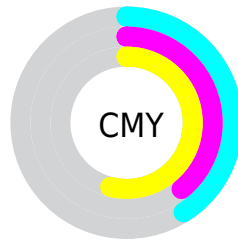


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (39%)



Cyan (41%)

Magenta (39%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979B75 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 979B75 by changing the saturation by 10% instead.



 979B75

 979B75

FFFFFF

 7D815C

 CED1A9

 646844

 EAEEC5

 4B502E

 FFFFE1

 343918

FFFFFFD

 202300

 000F00

 000000

 979B75

 979B75

 959B65

 999B84

 949B56

 9A9B94

 929B46

 9C9BA4

 909B37

 9E9BB3

 8F9B28

 9F9BC3

 8D9B18

 A19BD2

 8C9B08

 A29BE2

 8B9B00

 A49BF1

 A69BFF

# Harmonies

## Analogous

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



AA9573



979B75



82A080

# Triad

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



979B75



67A0B5



BA8B9D

# Complementary

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



979B75



79759B

# 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.



AB8FAF



979B75



7B9BBC

# Square

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



979B75



63A2A5



9595BA



BE8B8A

# Rectangle

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



979B75



74A28C



9595BA



B68CA4



# Sweetspot

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



979B75



C8C9BB



9B7975



65665E



E6E6E6



666666



# Same Dimension

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



979B75



C3C98F



849B75



4C4D45



7D8C00



0B0D00



# Inverse Universe

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



79759B



958FC9



8C759B



46454D



0F008C



01000D



# Previews

## White Background



This preview shows how the Hex color 979B75 looks on a white background.

## Color Contrast Check

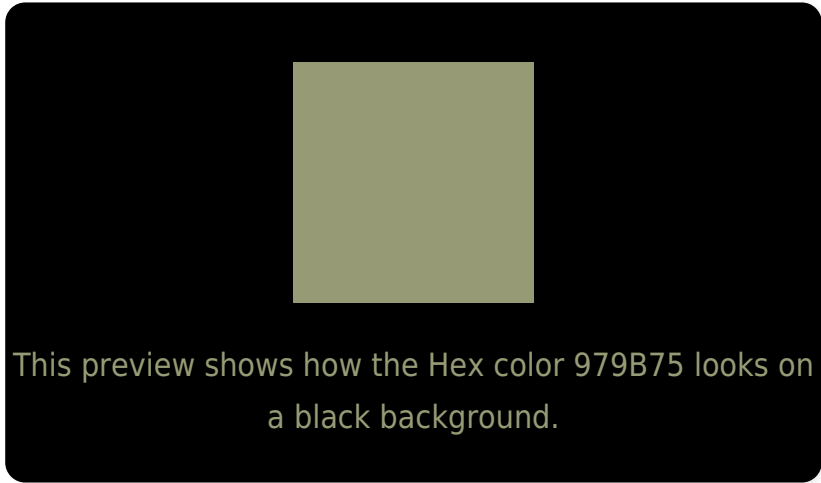
Large Text (above 18pt) WCAG AA × Fail

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

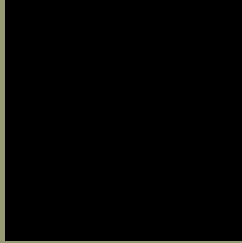
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

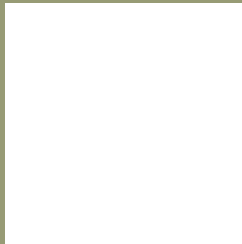
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 979B75 Background



This preview shows how black text looks on a background with the Hex color 979B75.



This preview shows how white text looks on a background with the Hex color 979B75.

# 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**  
979B75

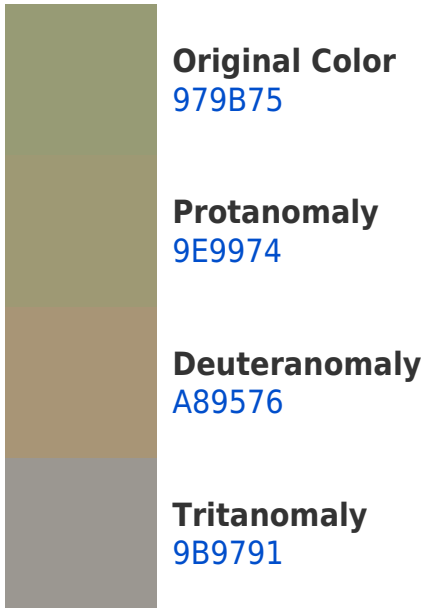
**Protanopia**  
A29873

**Deuteranopia**  
B19277

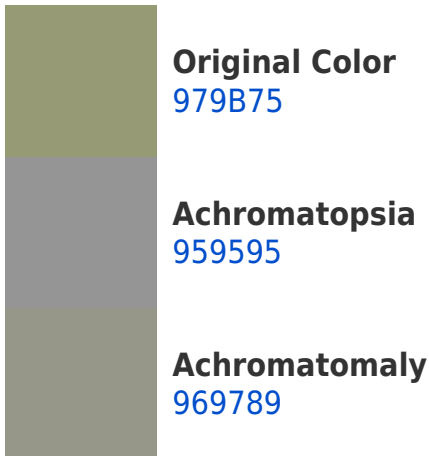


**Tritanopia**  
9D95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979B75 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 #979B75 looks like.

```
.text, #text, p{  
    color:#979B75  
}
```

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 #979B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979B75
}
```

## Border

The CSS property to change the border of an element to Hex 979B75 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
#979B75 }
```

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

```
.border{ border-color:#979B75 }
```

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

Here you see how a box with a 4 pixel #979B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979B75; -webkit-box-shadow:4px 4px  
4px 4px #979B75; box-shadow:4px 4px 4px  
4px #979B75 }
```

# Background

The CSS property to change the background color of an element to Hex 979B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979B75 }
```

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

```
.background{ background-color:#979B75 }
```

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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