

# Converting Colors

Hex(949F77)

Have a look what the booklet for  
Hex(949F77) contains.

<b>Hex(949F77)</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(949F77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	949F77
RGB	148, 159, 119
RGB Percent	58%, 62%, 47%
CMY	0.4196, 0.3765, 0.5333
CMYK	0.07, 0.00, 0.25, 0.38
HSL	76°, 17%, 55%
HSV	76°, 25%, 62%
XYZ	27.9407, 32.4241, 22.2386
YIQ	151.1510, 6.2840, -14.7720

# Conversions

## Conversions Part 2

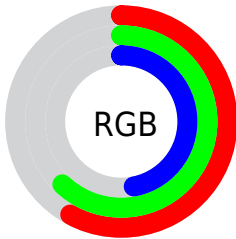
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 159, 130
Decimal	9740151
CIELab	63.69, -11.04, 19.62
CIElCh	64, 22.512, 119.373
Yxy	32.4241, 0.3383, 0.3925
Android (android.graphics.Color)	4287930231 (0xFF949F77)
YUV	151.1510, -15.8504, -2.7634
Hunter-Lab	56.9421, -12.0615, 16.7039

# Details

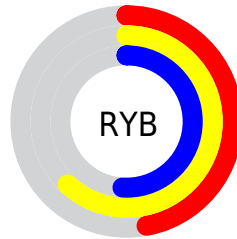
The Hex color **949F77** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **82779F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CAD6AB**, and **616C46** is the 20% darker color. If you saturate the color by 10%, you get **909F67**, and if you desaturate by 10%, it is **989F87**.

# Distribution



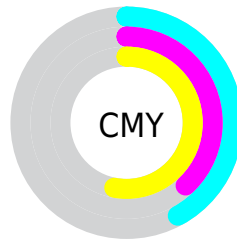
- Red (58%)
- Green (62%)
- Blue (47%)



- Red (47%)
- Yellow (62%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949F77 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 949F77 by changing the saturation by 10% instead.





949F77



949F77

FFFFFF



7A855E



CAD6AB



616C46



E7F2C7



49532F



FFFFE3



323C1A



1D2601



001300



000000



949F77



949F77



909F67



989F87

 8B9F57

 9D9F97

 879F47

 A19FA7

 839F37

 A59FB7

 7E9F27

 AA9FC7

 7A9F18

 AE9FD6

 759F08

 B39FE6

 739F00

 B79FF6

 BB9FFF

# Harmonies

## Analogous

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



AA9972



949F77



7DA385

# Triad

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



949F77



69A2BC



C18C9B

# Complementary

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



949F77



82779F

# 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.



B48FAF



949F77



819CC2

# Square

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



949F77



60A5AD



9D95BD



C38D88

# Rectangle

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



949F77



6FA592



9D95BD



BE8CA2



# Sweetspot

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



949F77



CACFBE



9F8277



66695E



E8E8E8



696969



# Same Dimension

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



949F77



BECF91



809F77



4D4F47



688F00



0B0F00



# Inverse Universe

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



82779F



A291CF



96779F



49474F



27008F



04000F



# Previews

## White Background



This preview shows how the Hex color 949F77 looks on a white background.

## Color Contrast Check

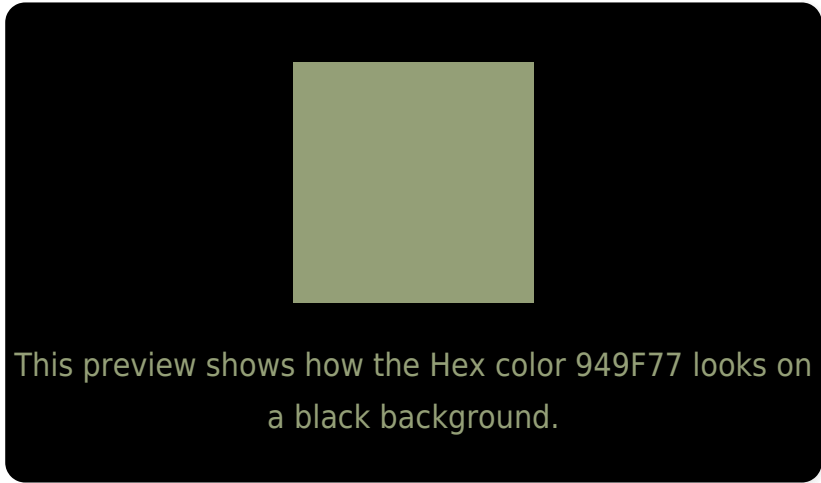
Large Text (above 18pt) WCAG AA × Fail

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

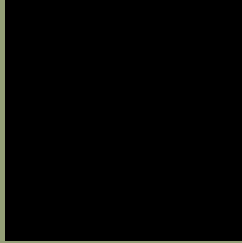
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 949F77 Background



This preview shows how black text looks on a background with the Hex color 949F77.

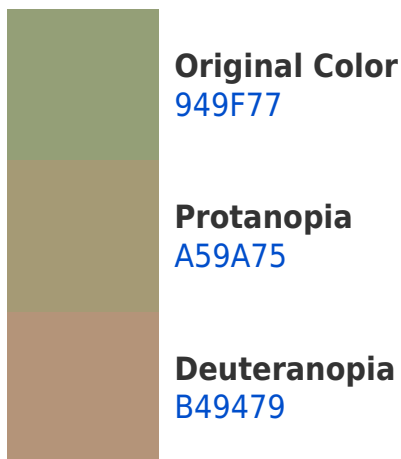


This preview shows how white text looks on a background with the Hex color 949F77.

# 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



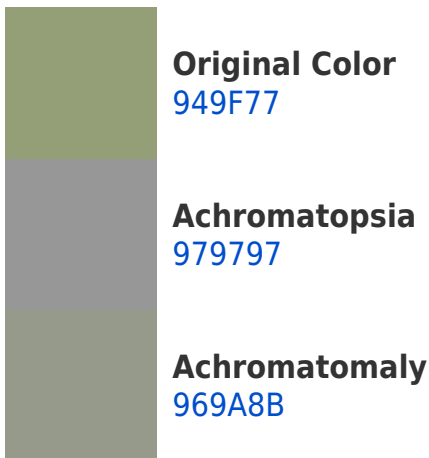


**Tritanopia**  
9A99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949F77 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 #949F77 looks like.

```
.text, #text, p{  
    color:#949F77  
}
```

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 #949F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949F77  
}
```

## Border

The CSS property to change the border of an element to Hex 949F77 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  
#949F77 }
```

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

```
.border{ border-color:#949F77 }
```

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

Here you see how a box with a 4 pixel #949F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949F77; -webkit-box-shadow:4px 4px  
4px 4px #949F77; box-shadow:4px 4px 4px  
4px #949F77 }
```

# Background

The CSS property to change the background color of an element to Hex 949F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949F77 }
```

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

```
.background{ background-color:#949F77 }
```

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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