

# Converting Colors

Hex(949886)

Have a look what the booklet for  
Hex(949886) contains.

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# **Color**

**Hex(949886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949886
RGB	148, 152, 134
RGB Percent	58%, 60%, 53%
CMY	0.4196, 0.4039, 0.4745
CMYK	0.03, 0.00, 0.12, 0.40
HSL	73°, 8%, 56%
HSV	73°, 12%, 60%
XYZ	27.7441, 30.4736, 26.9740
YIQ	148.7520, 3.3940, -6.4460

# Conversions

## Conversions Part 2

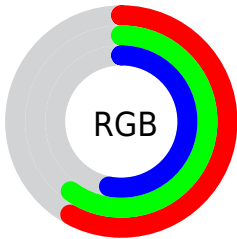
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 152, 138
Decimal	9738374
CIELab	62.06, -4.79, 8.98
CIELCh	62, 10.177, 118.097
Yxy	30.4736, 0.3257, 0.3577
Android (android.graphics.Color)	4287928454 (0xFF949886)
YUV	148.7520, -7.2727, -0.6595
Hunter-Lab	55.2029, -6.8940, 9.6710

# Details

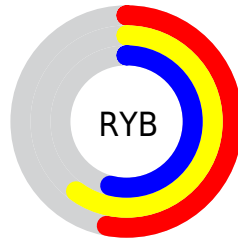
The Hex color **949886** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A8698**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CACEBB**, and **616554** is the 20% darker color. If you saturate the color by 10%, you get **919877**, and if you desaturate by 10%, it is **979895**.

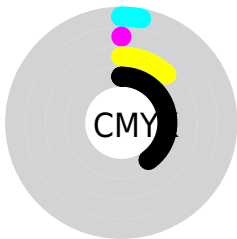
# Distribution



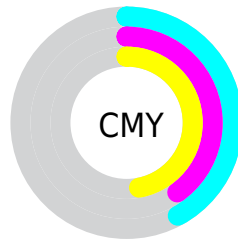
- Red (58%)
- Green (60%)
- Blue (53%)



- Red (53%)
- Yellow (60%)
- Blue (54%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949886 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 949886 by changing the saturation by 10% instead.





949886



949886

FFFFFF



7A7E6D



CACEBB



616554



E6EAD7



494D3D



FFFFF3



333627



1E2113



000B00



000000



949886



949886



919877



979895

 8D9868

 9B98A4

 8A9858

 9E98B4

 869849

 A298C3

 83983A

 A598D2

 80982B

 A898E1

 7C981C

 AC98F0

 79980C

 AF98FF

 769800

 B298FF

# Harmonies

## Analogous

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



9E9584



949886



8A9A8C

# Triad

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



949886



8399A5



A89097

# Complementary

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



949886



8A8698

# 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.



A191A0



949886



8C97A8

# Square

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



949886



7F9B9E



9794A6



A9908E

# Rectangle

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



949886



849B92



9794A6



A6909A



# Sweetspot

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



949886



C3C4BC



988A86



62635E



E3E3E3



636363



# Same Dimension

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



949886



BEC4A9



8B9886



4B4D45



6D8C00



0A0D00



# Inverse Universe

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



8A8698



AFA9C4



938698



47454D



1F008C



03000D



# Previews

## White Background



This preview shows how the Hex color 949886 looks on a white background.

## Color Contrast Check

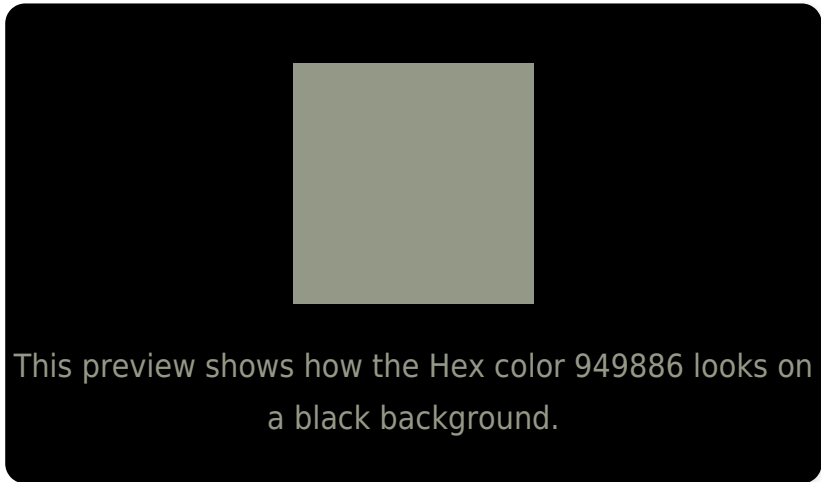
Large Text (above 18pt) WCAG AA × Fail

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

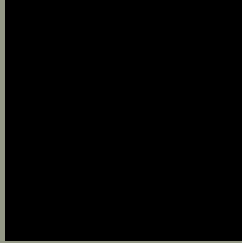
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

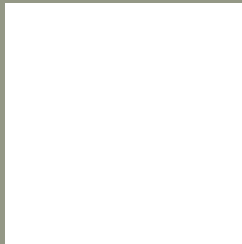
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 949886 Background



This preview shows how black text looks on a background with the Hex color 949886.



This preview shows how white text looks on a background with the Hex color 949886.

# 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**  
949886

**Protanopia**  
9D9585

**Deuteranopia**  
AA9088



**Tritanopia**  
9894A0

# Trichromacy



**Original Color**  
949886

**Protanomaly**  
9A9685

**Deuteranomaly**  
A29387

**Tritanomaly**  
979597

# Monochromacy



**Original Color**  
949886

**Achromatopsia**  
959595

**Achromatomaly**  
959690

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949886 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 #949886 looks like.

```
.text, #text, p{  
    color:#949886  
}
```

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 #949886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949886  
}
```

## Border

The CSS property to change the border of an element to Hex 949886 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  
#949886 }
```

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

```
.border{ border-color:#949886 }
```

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

Here you see how a box with a 4 pixel #949886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949886; -webkit-box-shadow:4px 4px  
4px 4px #949886; box-shadow:4px 4px 4px  
4px #949886 }
```

# Background

The CSS property to change the background color of an element to Hex 949886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949886 }
```

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

```
.background{ background-color:#949886 }
```

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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