

# Converting Colors

Hex(949B89)

Have a look what the booklet for  
Hex(949B89) contains.

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# **Color**

**Hex(949B89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949B89
RGB	148, 155, 137
RGB Percent	58%, 61%, 54%
CMY	0.4196, 0.3922, 0.4627
CMYK	0.05, 0.00, 0.12, 0.39
HSL	83°, 8%, 57%
HSV	83°, 12%, 61%
XYZ	28.4494, 31.5447, 28.2562
YIQ	150.8550, 1.6060, -7.0820

# Conversions

## Conversions Part 2

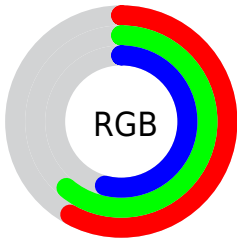
Format	Color
R <sub>Y</sub> B	137, 155, 144
Decimal	9739145
CIE Lab	62.96, -5.90, 8.58
CIE LCh	63, 10.411, 124.536
Yxy	31.5447, 0.3224, 0.3574
Android (android.graphics.Color)	4287929225 (0xFF949B89)
YUV	150.8550, -6.8305, -2.5038
Hunter-Lab	56.1647, -7.8715, 9.4868

# Details

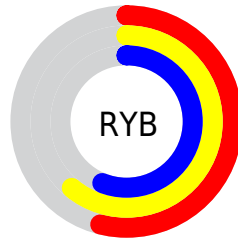
The Hex color **949B89** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **90899B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CAD1BE**, and **616857** is the 20% darker color. If you saturate the color by 10%, you get **8E9B7A**, and if you desaturate by 10%, it is **9A9B99**.

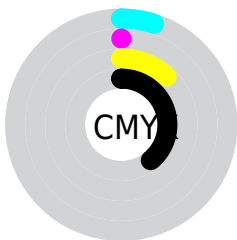
# Distribution



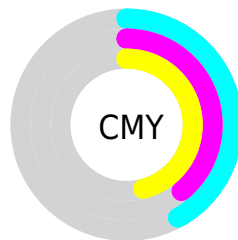
- Red (58%)
- Green (61%)
- Blue (54%)



- Red (54%)
- Yellow (61%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949B89 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 949B89 by changing the saturation by 10% instead.





949B89



949B89

FFFFFF



7A8170



CAD1BE



616857



E6EEDA



495040



FFFFFF7



33392A



1E2315



010E00



000000



949B89



949B89



8E9B7A



9A9B99

889B6A

A09BA8

829B5B

A69BB7

7C9B4B

AC9BC7

769B3C

B29BD6

709B2C

B89BE6

6A9B1D

BE9BF6

649B0D

C49BFF

5F9B00

CA9BFF

# Harmonies

## Analogous

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



9F9886



949B89



8A9D90

# Triad

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



949B89



869BA9



AC9297

# Complementary

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



949B89



90899B

# 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.



A693A0



949B89



9099AB

# Square

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



949B89



819DA2



9C96A8



AC938E

# Rectangle

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



949B89



859E96



9C96A8



AA929A



# Sweetspot

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



949B89



C7C9C3



9B9089



646662



E6E6E6



666666



# Same Dimension

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



949B89



BEC9AD



8B9B89



4A4D45



568C00



080D00



# Inverse Universe

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



90899B



B8ADC9



99899B



48454D



37008C

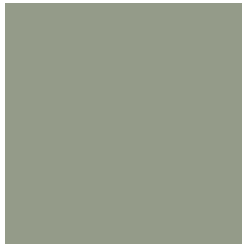


05000D



# Previews

## White Background



This preview shows how the Hex color 949B89 looks on a white background.

## Color Contrast Check

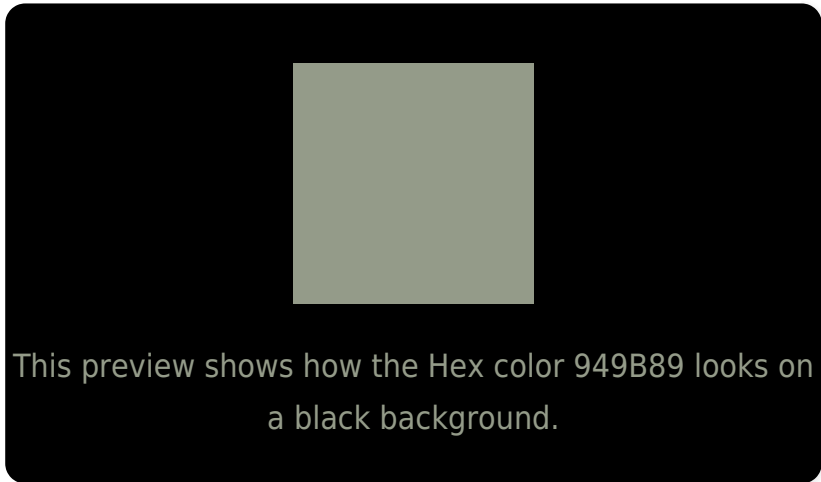
Large Text (above 18pt) WCAG AA × Fail

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

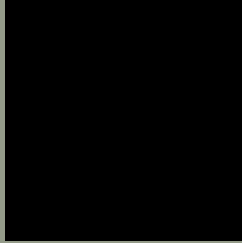
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

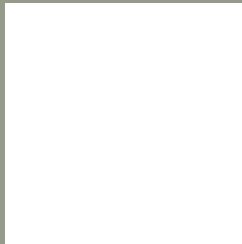
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 949B89 Background



This preview shows how black text looks on a background with the Hex color 949B89.



This preview shows how white text looks on a background with the Hex color 949B89.

# 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**  
949B89

**Protanopia**  
9F9887

**Deuteranopia**  
AC938B



**Tritanopia**  
9897A3

# Trichromacy



**Original Color**  
949B89

**Protanomaly**  
9B9988

**Deuteranomaly**  
A3968A

**Tritanomaly**  
97989A

# Monochromacy



**Original Color**  
949B89

**Achromatopsia**  
979797

**Achromatomaly**  
969892

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949B89 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 #949B89 looks like.

```
.text, #text, p{  
    color:#949B89  
}
```

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 #949B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949B89
}
```

## Border

The CSS property to change the border of an element to Hex 949B89 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
#949B89 }
```

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

```
.border{ border-color:#949B89 }
```

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

Here you see how a box with a 4 pixel #949B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949B89; -webkit-box-shadow:4px 4px  
4px 4px #949B89; box-shadow:4px 4px 4px  
4px #949B89 }
```

# Background

The CSS property to change the background color of an element to Hex 949B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949B89 }
```

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

```
.background{ background-color:#949B89 }
```

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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