

# Converting Colors

Hex(949EAB)

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

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# **Color**

**Hex(949EAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949EAB
RGB	148, 158, 171
RGB Percent	58%, 62%, 67%
CMY	0.4196, 0.3804, 0.3294
CMYK	0.13, 0.08, 0.00, 0.33
HSL	214°, 12%, 63%
HSV	214°, 13%, 67%
XYZ	31.7903, 33.6899, 43.3553
YIQ	156.4920, -10.1330, 1.9230

# Conversions

## Conversions Part 2

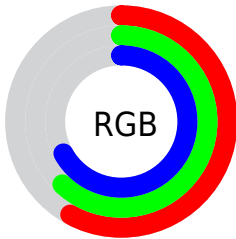
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 155, 171
Decimal	9739947
CIELab	64.72, -0.84, -7.97
CIElCh	65, 8.017, 263.997
Yxy	33.6899, 0.2921, 0.3095
Android (android.graphics.Color)	4287930027 (0xFF949EAB)
YUV	156.4920, 7.1524, -7.4475
Hunter-Lab	58.0430, -3.8104, -3.6567

# Details

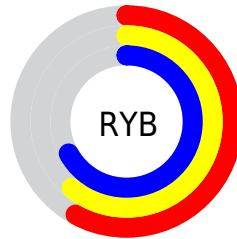
The Hex color **949EAB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ABA194**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CAD5E2**, and **616B77** is the 20% darker color. If you saturate the color by 10%, you get **8394AB**, and if you desaturate by 10%, it is **A5A8AB**.

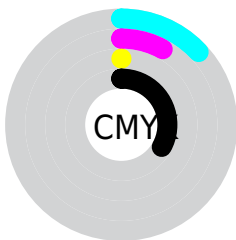
# Distribution



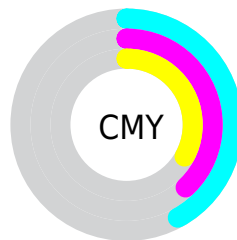
- Red (58%)
- Green (62%)
- Blue (67%)



- Red (58%)
- Yellow (61%)
- Blue (67%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



■ 949EAB

■ 949EAB

FFFFFF

■ 7A8490

■ CAD5E2

■ 616B77

■ E6F1FF

■ 49535E

■ 323C47

■ 1D2630

■ 06111B

■ 000000

■ 949EAB

■ 949EAB

■ 8394AB

■ A5A8AB

728BAB

B6B1AB

6181AB

C7BBAB

5077AB

D8C5AB

3F6EAB

E9CEAB

2D64AB

FBD8AB

1C5AAB

FFE2AB

0B51AB

FFEBAB

004AAB

FFF5AB

# Harmonies

## Analogous

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



8EA0A8



949EAB



9D9CAA

# Triad

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



949EAB



AD9897



94A094

# Complementary

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



949EAB



ABA194

# 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.



9D9E90



949EAB



AA9A92

# Square

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



949EAB



AB989F



A59C8F



8EA19B

# Rectangle

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



949EAB



A39AA7



A59C8F



97A093

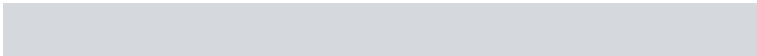


# Sweetspot

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



949EAB



D5D9DE



94ABA1



6B6D70



F0F0F0



707070



# Same Dimension

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



949EAB



BACADE



9594AB



4E5257



004196



000A17



# Inverse Universe

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



AB949E



DEBACA



AAAB94



574E52



960041

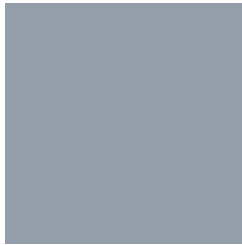


17000A



# Previews

## White Background



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

## Color Contrast Check

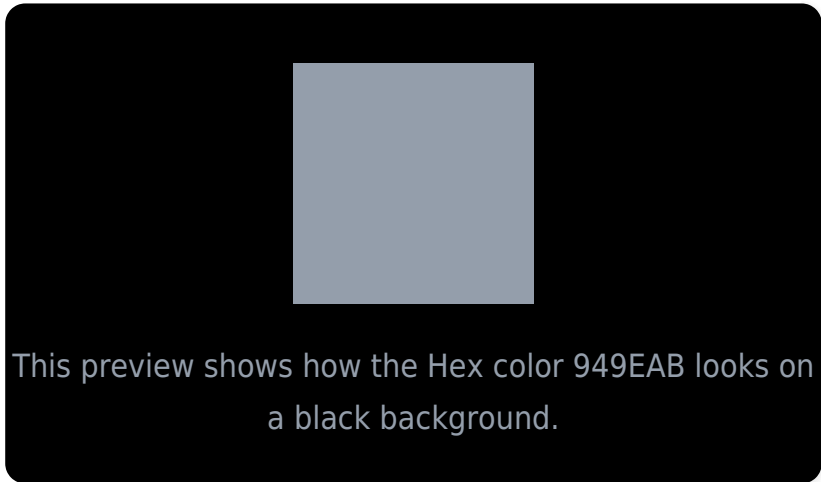
Large Text (above 18pt) WCAG AA × Fail

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

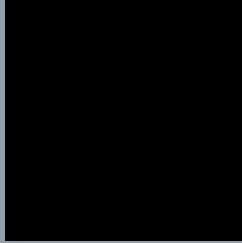
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

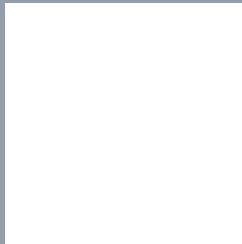
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 949EAB Background



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

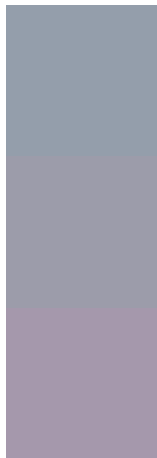


This preview shows how white text looks on a background with the Hex color 949EAB.

# 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**  
949EAB

**Protanopia**  
9C9CAA

**Deuteranopia**  
A598AC



**Tritanopia**  
949EAB

# Trichromacy



**Original Color**  
949EAB

**Protanomaly**  
999DAA

**Deuteranomaly**  
9F9AAC

**Tritanomaly**  
949EAB

# Monochromacy



**Original Color**  
949EAB

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
999DA1

# CSS Examples

## Text

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

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

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 #949EAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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