

# Converting Colors

Hex(949AAC)

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

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

# Conversions

## Conversions Part 1

Format	Color
Hex	949AAC
RGB	148, 154, 172
RGB Percent	58%, 60%, 67%
CMY	0.4196, 0.3961, 0.3255
CMYK	0.14, 0.10, 0.00, 0.33
HSL	225°, 13%, 63%
HSV	225°, 14%, 67%
XYZ	31.2147, 32.3857, 43.6356
YIQ	154.2580, -9.3540, 4.3260

# Conversions

## Conversions Part 2

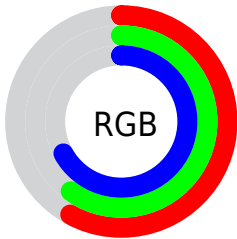
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 153, 172
Decimal	9738924
CIE <sub>Lab</sub>	63.66, 1.60, -10.11
CIE <sub>LCh</sub>	64, 10.235, 279.011
Yxy	32.3857, 0.2911, 0.3020
Android (android.graphics.Color)	4287929004 (0xFF949AAC)
YUV	154.2580, 8.7468, -5.4883
Hunter-Lab	56.9084, -1.6809, -5.6258

# Details

The Hex color **949AAC** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ACA694**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CAD0E3**, and **616778** is the 20% darker color. If you saturate the color by 10%, you get **838DAC**, and if you desaturate by 10%, it is **A5A7AC**.

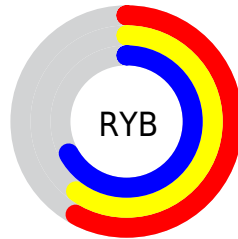
# Distribution



Red (58%)

Green (60%)

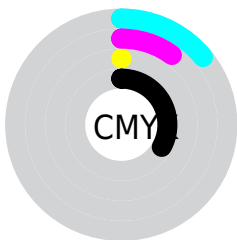
Blue (67%)



Red (58%)

Yellow (60%)

Blue (67%)

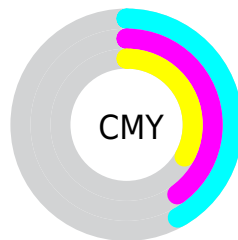


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (40%)

Yellow (33%)

# Brightness & Saturation Gradients

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



■ 949AAC

■ 949AAC

FFFFFF

■ 7A8091

■ CAD0E3

■ 616778

■ E6EDFF

■ 494F5F

■ 323847

■ 1D2331

■ 060D1C

■ 000000

■ 949AAC

■ 949AAC

■ 838DAC

■ A5A7AC

■ 7280AC

■ B6B4AC

■ 6073AC

■ C8C1AC

■ 4F66AC

■ D9CEAC

■ 3E59AC

■ EADBAC

■ 2D4DAC

■ FBE7AC

■ 1C40AC

■ FFF4AC

■ 0A33AC

■ FFFFAC

■ 002BAC

# Harmonies

## Analogous

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



8A9DAB



949AAC



9F97A8

# Triad

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



949AAC



AD958F



8B9F93

# Complementary

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



949AAC



ACA694

# 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.



949D8C



949AAC



A89789

# Square

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



949AAC



AE9498



9F9A88



84A09D

# Rectangle

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



949AAC



A695A4



9F9A88



8E9F91

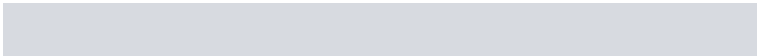


# Sweetspot

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



949AAC



D7DAE0



94ACA6



6B6C70



F0F0F0



707070



# Same Dimension

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



949AAC



BAC4E0



9A94AC



4E5057



002696



000617



# Inverse Universe

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



AC949A



E0BAC4



A6AC94



574E50



960026

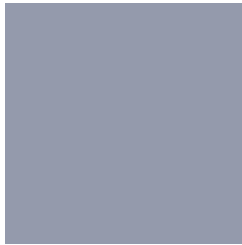


170006



# Previews

## White Background



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

## Color Contrast Check

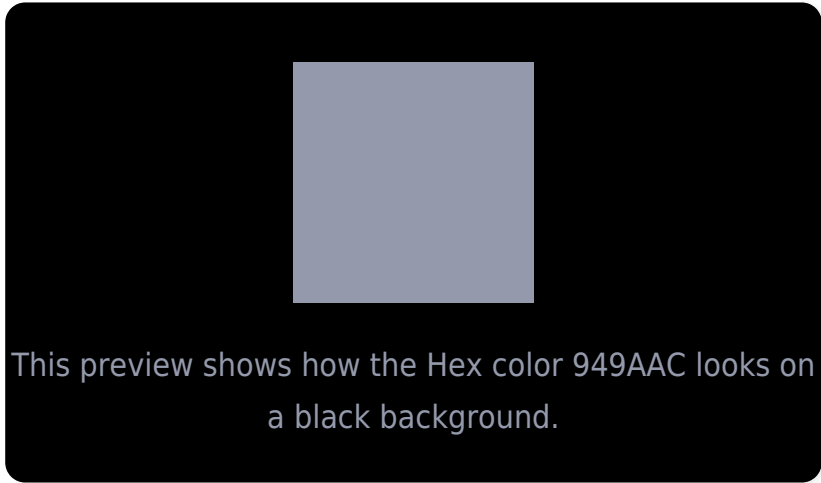
Large Text (above 18pt) WCAG AA × Fail

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

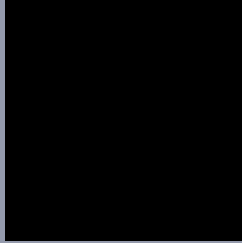
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

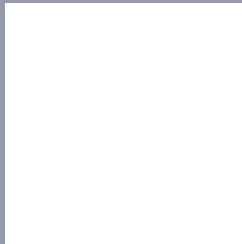
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 949AAC Background



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



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

# 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**  
949AAC

**Protanopia**  
9899AB

**Deuteranopia**  
A096AD



**Tritanopia**  
939BA7

# Trichromacy



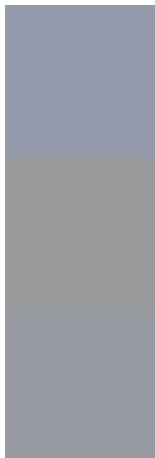
**Original Color**  
949AAC

**Protanomaly**  
9799AB

**Deuteranomaly**  
9C97AD

**Tritanomaly**  
939BA9

# Monochromacy



**Original Color**  
949AAC

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
989AA1

# CSS Examples

## Text

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

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

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 #949AAC colored shadow looks like.

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

## Border

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

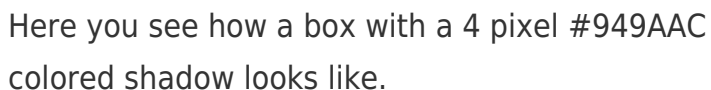
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#949AAC }
```

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

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

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



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

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

# Background

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

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

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

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

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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