

# Converting Colors

Hex(948CA3)

Have a look what the booklet for  
Hex(948CA3) contains.

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# **Color**

**Hex(948CA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948CA3
RGB	148, 140, 163
RGB Percent	58%, 55%, 64%
CMY	0.4196, 0.4510, 0.3608
CMYK	0.09, 0.14, 0.00, 0.36
HSL	261°, 11%, 59%
HSV	261°, 14%, 64%
XYZ	28.2017, 27.6964, 38.5099
YIQ	145.0140, -2.6150, 8.8490

# Conversions

## Conversions Part 2

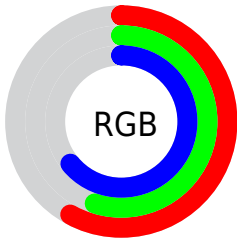
Format	Color
<a href="#">RYB</a>	<a href="#">148, 140, 163</a>
Decimal	<a href="#">9735331</a>
CIELab	<a href="#">59.61, 7.57, -11.07</a>
CIELCh	<a href="#">60, 13.411, 304.363</a>
Yxy	<a href="#">27.6964, 0.2987, 0.2934</a>
Android (android.graphics.Color)	<a href="#">4287925411</a> ( <a href="#">0xFF948CA3</a> )
YUV	<a href="#">145.0140, 8.8671, 2.6187</a>
Hunter-Lab	<a href="#">52.6274, 3.5557, -6.5461</a>

# Details

The Hex color **948CA3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9BA38C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CAC2DA**, and **615A6F** is the 20% darker color. If you saturate the color by 10%, you get **897CA3**, and if you desaturate by 10%, it is **9F9CA3**.

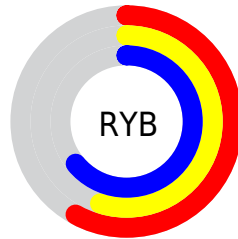
# Distribution



Red (58%)

Green (55%)

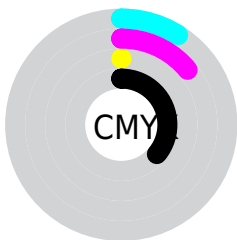
Blue (64%)



Red (58%)

Yellow (55%)

Blue (64%)

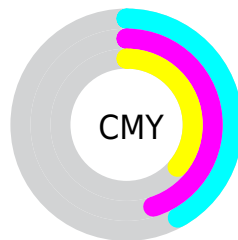


Cyan (9%)

Magenta (14%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (45%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948CA3 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 948CA3 by changing the saturation by 10% instead.





948CA3



948CA3

FFFFFF



7A7389



CAC2DA



615A6F



E6DDF6



494357



FFFAFF



332C40



1D182A



030016



000000



948CA3



948CA3



897CA3



9F9CA3

7F6BA3

A9ADA3

745BA3

B4BDA3

694BA3

BFCDA3

5F3BA3

C9DEA3

542AA3

D4EEA3

4A1AA3

DEFEA3

3F0AA3

E9FFA3

3900A3

F4FFA3

# Harmonies

## Analogous

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



8590A7



948CA3



A1899A

# Triad

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



948CA3



A28B7B



739791

# Complementary

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



948CA3



9BA38C

# 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.



7D9585



948CA3



978F78

# Square

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



948CA3



A88883



8A937C



71969C

# Rectangle

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



948CA3



A68892



8A937C



76968D



# Sweetspot

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



948CA3



CECBD4



8C9BA3



68666B



EBEBEB



6B6B6B



# Same Dimension

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



948CA3



BCB0D4



9F8CA3



4C4952



330091



060012



# Inverse Universe

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



A38C9B



D4B0C7



90A38C



52494F



91005F



12000C



# Previews

## White Background



This preview shows how the Hex color 948CA3 looks on a white background.

## Color Contrast Check

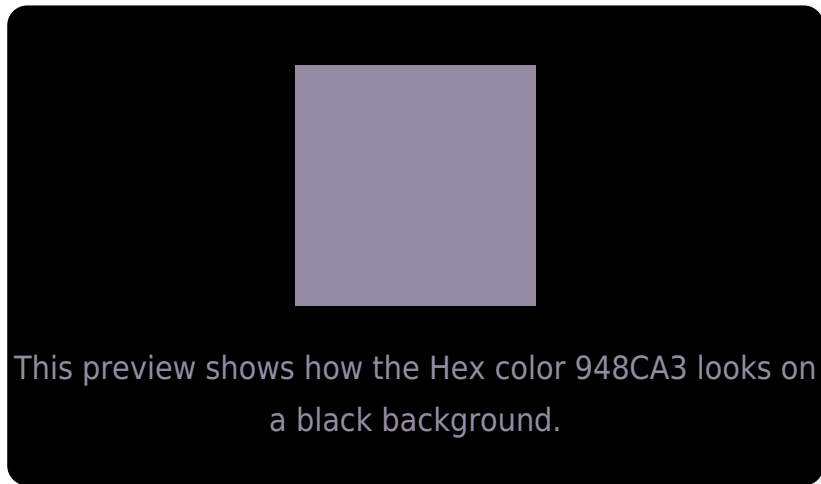
Large Text (above 18pt) WCAG AA ✓ Pass

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

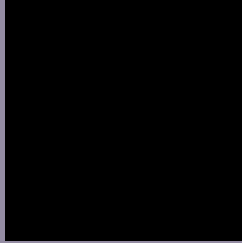
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 948CA3 Background



This preview shows how black text looks on a background with the Hex color 948CA3.



This preview shows how white text looks on a background with the Hex color 948CA3.

# 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**  
948CA3

**Protanopia**  
8C8EA5

**Deuteranopia**  
948CA3



**Tritanopia**  
928E99

# Trichromacy



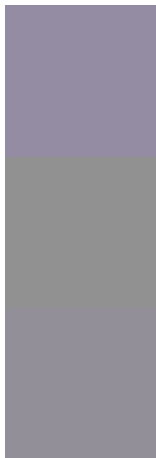
**Original Color**  
948CA3

**Protanomaly**  
8F8DA4

**Deuteranomaly**  
948CA3

**Tritanomaly**  
938D9D

# Monochromacy



**Original Color**  
948CA3

**Achromatopsia**  
919191

**Achromatomaly**  
928F98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948CA3 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 #948CA3 looks like.

```
.text, #text, p{  
    color:#948CA3  
}
```

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 #948CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948CA3
}
```

## Border

The CSS property to change the border of an element to Hex 948CA3 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
#948CA3 }
```

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

```
.border{ border-color:#948CA3 }
```

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

Here you see how a box with a 4 pixel #948CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948CA3; -webkit-box-shadow:4px 4px  
4px 4px #948CA3; box-shadow:4px 4px 4px  
4px #948CA3 }
```

# Background

The CSS property to change the background color of an element to Hex 948CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948CA3 }
```

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

```
.background{ background-color:#948CA3 }
```

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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