

# Converting Colors

Hex(949BB9)

Have a look what the booklet for  
Hex(949BB9) contains.

<b>Hex(949BB9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(949BB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	949BB9
RGB	148, 155, 185
RGB Percent	58%, 61%, 73%
CMY	0.4196, 0.3922, 0.2745
CMYK	0.20, 0.16, 0.00, 0.27
HSL	229°, 21%, 65%
HSV	229°, 20%, 73%
XYZ	32.6910, 33.2414, 50.5922
YIQ	156.3270, -13.8020, 7.8460

# Conversions

## Conversions Part 2

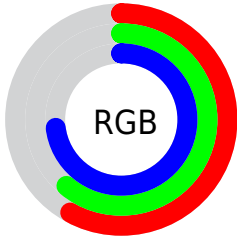
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 154, 185
Decimal	9739193
CIELab	64.36, 3.96, -16.36
CIElCh	64, 16.835, 283.605
Yxy	33.2414, 0.2806, 0.2853
Android (android.graphics.Color)	4287929273 (0xFF949BB9)
YUV	156.3270, 14.1358, -7.3028
Hunter-Lab	57.6553, 0.3141, -11.6678

# Details

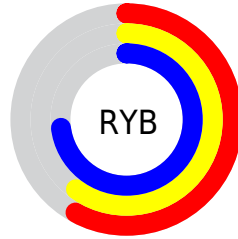
The Hex color **949BB9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9B294**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CAD1F1**, and **616884** is the 20% darker color. If you saturate the color by 10%, you get **828CB9**, and if you desaturate by 10%, it is **A7AAB9**.

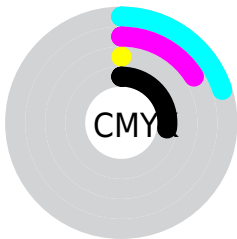
# Distribution



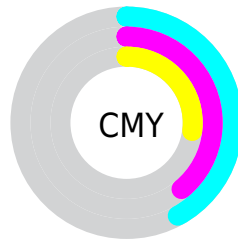
- Red (58%)
- Green (61%)
- Blue (73%)



- Red (58%)
- Yellow (60%)
- Blue (73%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (42%)
- Magenta (39%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949BB9 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 949BB9 by changing the saturation by 10% instead.





949BB9



949BB9

FFFFFF



7A819E



CAD1F1



616884



E7EEFF



48506B



313952



1B243B



040E25



00010F



000000



949BB9



949BB9

828CB9

A7AAB9

6F7DB9

B9B9B9

5D6EB9

CCC8B9

4A5FB9

DED7B9

3850B9

F1E6B9

2541B9

FFF5B9

1332B9

FFFFB9

0023B9

# Harmonies

## Analogous

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



81A0B8



949BB9



A796B2

# Triad

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



949BB9



B99488



7FA493

# Complementary

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



949BB9



B9B294

# 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.



8FA186



949BB9



AF9880

# Square

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



949BB9



BB9296



A19D7F



75A5A2

# Rectangle

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



949BB9



B193AA



A19D7F



84A38E



# Sweetspot

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



949BB9



E1E4F0



94B9B2



6F7178



F7F7F7



787878



# Same Dimension

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



949BB9



B6C1F0



9F94B9



53545C



001D9C



00051C



# Inverse Universe

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



B9949B



F0B6C1



AEB994



5C5354



9C001D

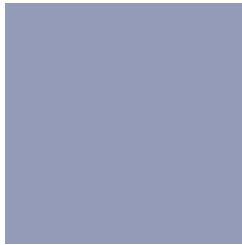


1C0005



# Previews

## White Background



This preview shows how the Hex color 949BB9 looks on a white background.

## Color Contrast Check

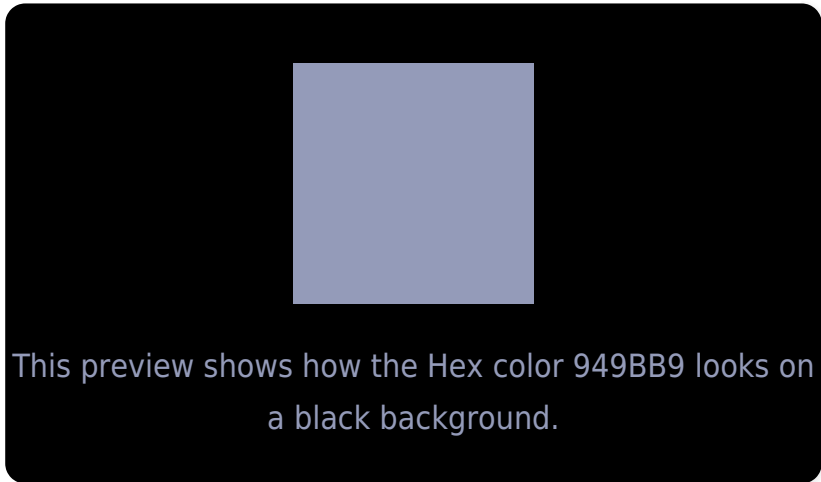
Large Text (above 18pt) WCAG AA × Fail

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

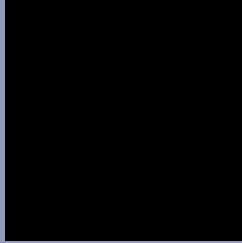
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 949BB9 Background



This preview shows how black text looks on a background with the Hex color 949BB9.



This preview shows how white text looks on a background with the Hex color 949BB9.

# 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**  
949BB9

**Protanopia**  
969BB9

**Deuteranopia**  
9C98BA



**Tritanopia**  
919EAA

# Trichromacy



**Original Color**  
949BB9

**Protanomaly**  
959BB9

**Deuteranomaly**  
9999BA

**Tritanomaly**  
929DAF

# Monochromacy



**Original Color**  
949BB9

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
999CA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949BB9 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 #949BB9 looks like.

```
.text, #text, p{  
    color:#949BB9  
}
```

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 #949BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949BB9
}
```

## Border

The CSS property to change the border of an element to Hex 949BB9 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
#949BB9 }
```

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

```
.border{ border-color:#949BB9 }
```

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

Here you see how a box with a 4 pixel #949BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949BB9; -webkit-box-shadow:4px 4px  
4px 4px #949BB9; box-shadow:4px 4px 4px  
4px #949BB9 }
```

# Background

The CSS property to change the background color of an element to Hex 949BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949BB9 }
```

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

```
.background{ background-color:#949BB9 }
```

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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