

Converting Colors

Hex(949CC3)

Have a look what the booklet for
Hex(949CC3) contains.

Hex(949CC3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(949CC3)

Conversions

Conversions Part 1

Format	Color
Hex	949CC3
RGB	148, 156, 195
RGB Percent	58%, 61%, 76%
CMY	0.4196, 0.3882, 0.2353
CMYK	0.24, 0.20, 0.00, 0.24
HSL	230°, 28%, 67%
HSV	230°, 24%, 76%
XYZ	33.9515, 34.0130, 56.4055
YIQ	158.0540, -17.2870, 10.4330

Conversions

Conversions Part 2

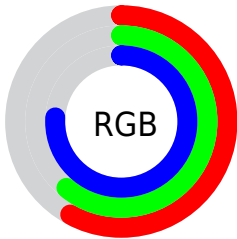
Format	Color
RYB	148, 155, 195
Decimal	9739459
CIELab	64.97, 5.75, -21.02
CIELCh	65, 21.789, 285.291
Yxy	34.0130, 0.2730, 0.2735
Android (android.graphics.Color)	4287929539 (0xFF949CC3)
YUV	158.0540, 18.2144, -8.8174
Hunter-Lab	58.3206, 1.8532, -16.5186

Details

The Hex color **949CC3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3BB94**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CBD2FC**, and **60698D** is the 20% darker color. If you saturate the color by 10%, you get **818CC3**, and if you desaturate by 10%, it is **A8ACC3**.

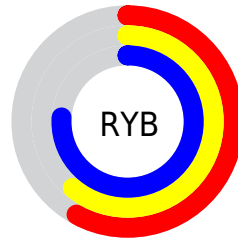
Distribution



Red (58%)

Green (61%)

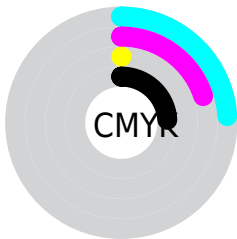
Blue (76%)



Red (58%)

Yellow (61%)

Blue (76%)

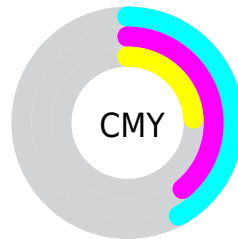


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949CC3 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 949CC3 by changing the saturation by 10% instead.



949CC3



949CC3

FFFFFF



7A82A8



CBD2FC



60698D



E7EFFF



485174



303A5B



182543



010F2D



000118



000000



949CC3



949CC3

■ 818CC3

■ A8ACC3

■ 6D7CC3

■ BBBCC3

■ 5A6BC3

■ CFCDC3

■ 465BC3

■ E2DDC3

■ 334BC3

■ F6EDC3

■ 1F3BC3

■ FFFDC3

■ 0C2BC3

■ FFFFC3

■ 0021C3

Harmonies

Analogous

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



7AA2C3



949CC3



AD95B9

Triad

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



949CC3



C29383



76A893

Complementary

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



949CC3



C3BB94

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.



8CA582



949CC3



B59978

Square

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



949CC3



C69094



A2A078



68A9A7

Rectangle

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



949CC3



BA92AE



A2A078



7DA78D

Sweetspot

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



949CC3



EBEEFC



94C3BA



757780



000000



808080

Same Dimension

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



949CC3



B3C0FC



A394C3



575961



001BA1



000621

Inverse Universe

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



C3949C



FCB3C0



B4C394



615759



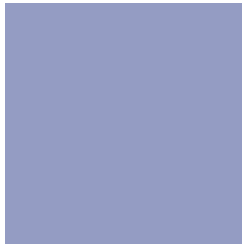
A1001B



210006

Previews

White Background



This preview shows how the Hex color 949CC3 looks on a white background.

Color Contrast Check

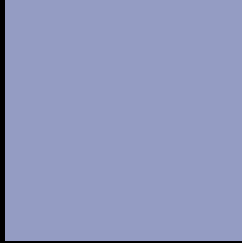
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 949CC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

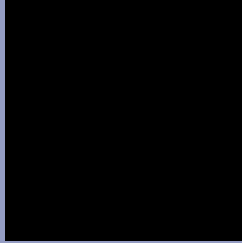
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

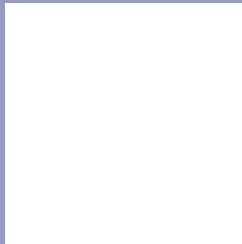
Any Text WCAG AAA ✓ Pass

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

Hex 949CC3 Background



This preview shows how black text looks on a background with the Hex color 949CC3.



This preview shows how white text looks on a background with the Hex color 949CC3.

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
949CC3

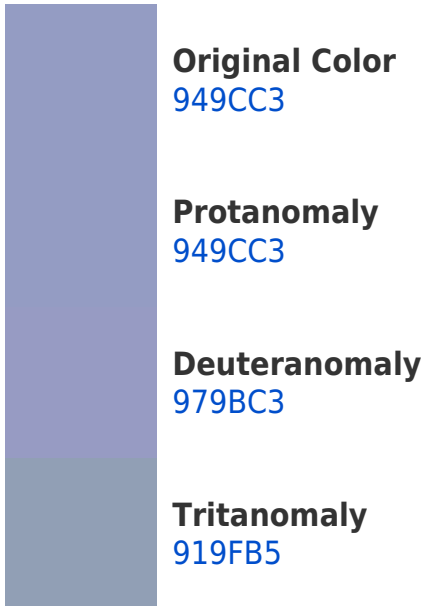
Protanopia
949CC3

Deuteranopia
999AC3

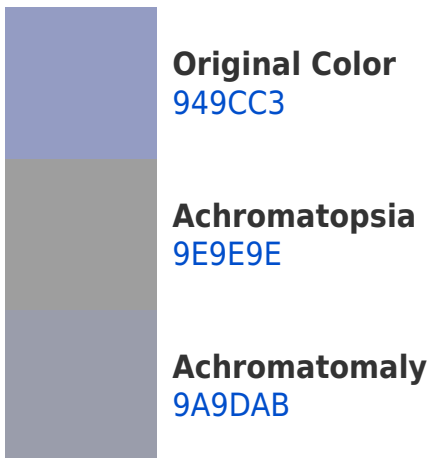


Tritanopia
90A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 949CC3 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 #949CC3 looks like.

```
.text, #text, p{  
    color:#949CC3  
}
```

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 #949CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949CC3
}
```

Border

The CSS property to change the border of an element to Hex 949CC3 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
#949CC3 }
```

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

```
.border{ border-color:#949CC3 }
```

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

Here you see how a box with a 4 pixel #949CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949CC3; -webkit-box-shadow:4px 4px  
4px 4px #949CC3; box-shadow:4px 4px 4px  
4px #949CC3 }
```

Background

The CSS property to change the background color of an element to Hex 949CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949CC3 }
```

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

```
.background{ background-color:#949CC3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor