

# Converting Colors

Hex(929ACC)

Have a look what the booklet for  
Hex(929ACC) contains.

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# **Color**

**Hex(929ACC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	929ACC
RGB	146, 154, 204
RGB Percent	57%, 60%, 80%
CMY	0.4275, 0.3961, 0.2000
CMYK	0.28, 0.25, 0.00, 0.20
HSL	232°, 36%, 69%
HSV	232°, 28%, 80%
XYZ	34.3087, 33.5818, 61.8004
YIQ	157.3080, -20.8180, 13.8540

# Conversions

## Conversions Part 2

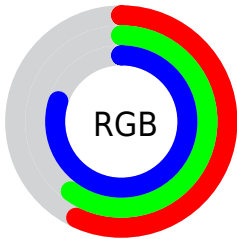
Format	Color
<b>RYB</b>	146, 153, 204
Decimal	9607884
CIELab	64.63, 8.47, -26.58
CIELCh	65, 27.893, 287.672
Yxy	33.5818, 0.2645, 0.2589
Android (android.graphics.Color)	4287797964 (0xFF929ACC)
YUV	157.3080, 23.0192, -9.9171
Hunter-Lab	57.9498, 4.2673, -22.6648

# Details

The Hex color **929ACC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCC492**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C9D0FF**, and **5E6796** is the 20% darker color. If you saturate the color by 10%, you get **7E88CC**, and if you desaturate by 10%, it is **A6ACCC**.

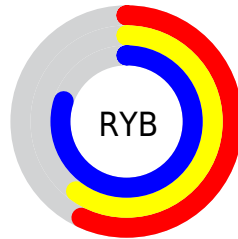
# Distribution



Red (57%)

Green (60%)

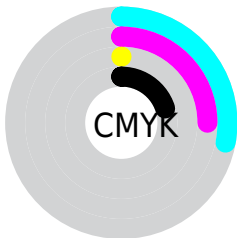
Blue (80%)



Red (57%)

Yellow (60%)

Blue (80%)

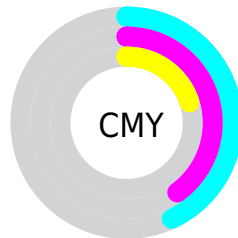


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (43%)

Magenta (40%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 929ACC 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 929ACC by changing the saturation by 10% instead.



■ 929ACC

■ 929ACC

FFFFFF

■ 7880B0

■ C9D0FF

■ 5E6796

■ E5EDFF

■ 454F7C

■ 2C3863

■ 12234A

■ 000E34

■ 00021E

■ 000000

■ 929ACC

■ 929ACC

 7E88CC

 A6ACCC

 6977CC

 BBBDCC

 5565CC

 CFCFCC

 4054CC

 E4E0CC

 2C42CC

 F8F2CC

 1830CC

 FFFFCC

 031FCC

 001CCC

# Harmonies

## Analogous

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



6DA2CD



929ACC



B291BE

# Triad

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



929ACC



C99079



66AA91

# Complementary

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



929ACC



CCC492

# 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.



83A67B



929ACC



B8986C

# Square

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



929ACC



CF8B8F



9FA06D



50AAAB

# Rectangle

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



929ACC



C28DB0



9FA06D



70A989



# Sweetspot

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



929ACC



E8EBFF



92CCC3



717380



000000



808080



# Same Dimension

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



929ACC



A8B4FF



A692CC



5C5D66



0017A6



000526



# Inverse Universe

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



CC929A



FFA8B4



B8CC92



665C5D



A60017

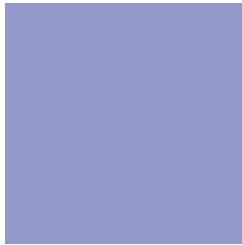


260005



# Previews

## White Background



This preview shows how the Hex color 929ACC looks on a white background.

## Color Contrast Check

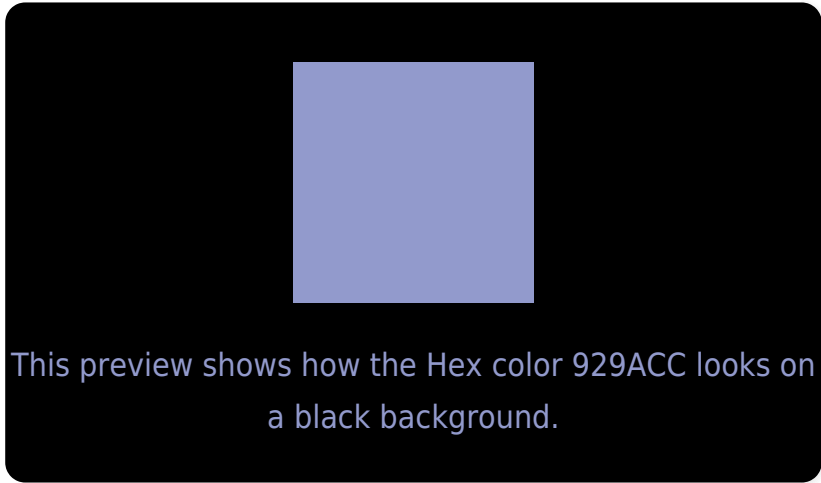
Large Text (above 18pt) WCAG AA × Fail

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

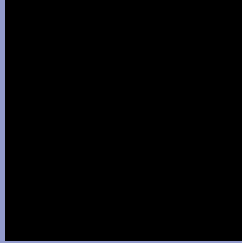
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 929ACC Background



This preview shows how black text looks on a background with the Hex color 929ACC.



This preview shows how white text looks on a background with the Hex color 929ACC.

# 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**  
929ACC

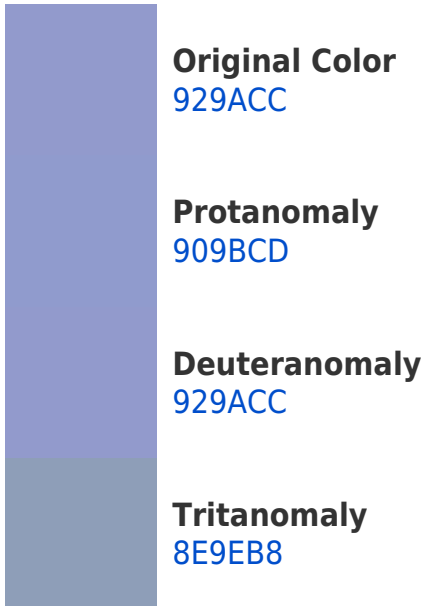
**Protanopia**  
8F9BCD

**Deuteranopia**  
929ACC

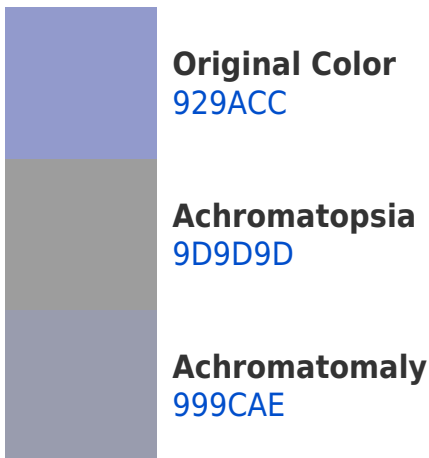


**Tritanopia**  
8BA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 929ACC 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 #929ACC looks like.

```
.text, #text, p{  
    color:#929ACC  
}
```

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 #929ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #929ACC
}
```

## Border

The CSS property to change the border of an element to Hex 929ACC 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
#929ACC }
```

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

```
.border{ border-color:#929ACC }
```

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

Here you see how a box with a 4 pixel #929ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #929ACC; -webkit-box-shadow:4px 4px  
4px 4px #929ACC; box-shadow:4px 4px 4px  
4px #929ACC }
```

# Background

The CSS property to change the background color of an element to Hex 929ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#929ACC }
```

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

```
.background{ background-color:#929ACC }
```

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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