

# Converting Colors

Hex(9149CC)

Have a look what the booklet for  
Hex(9149CC) contains.

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**Color**

**Hex(9149CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9149CC
RGB	145, 73, 204
RGB Percent	57%, 29%, 80%
CMY	0.4314, 0.7137, 0.2000
CMYK	0.29, 0.64, 0.00, 0.20
HSL	273°, 56%, 54%
HSV	273°, 64%, 80%
XYZ	24.9587, 15.1445, 58.7344
YIQ	109.4620, 0.8610, 56.0050

# Conversions

## Conversions Part 2

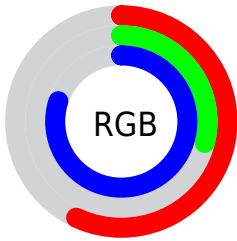
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 73, 204
Decimal	9521612
CIE <sub>Lab</sub>	45.83, 53.67, -56.20
CIE <sub>LCh</sub>	46, 77.710, 313.679
Yxy	15.1445, 0.2525, 0.1532
Android (android.graphics.Color)	4287711692 (0xFF9149CC)
YUV	109.4620, 46.6072, 31.1668
Hunter-Lab	38.9159, 46.3781, -62.2433

# Details

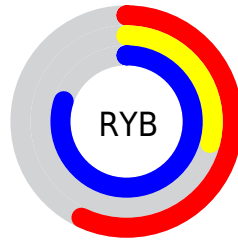
The Hex color **9149CC** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **84CC49**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CA7EFF**, and **591195** is the 20% darker color. If you saturate the color by 10%, you get **8835CC**, and if you desaturate by 10%, it is **9A5DCC**.

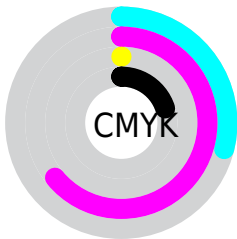
# Distribution



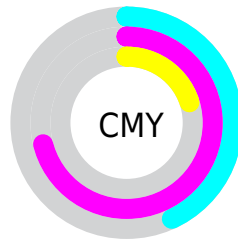
- Red (57%)
- Green (29%)
- Blue (80%)



- Red (57%)
- Yellow (29%)
- Blue (80%)



- Cyan (29%)
- Magenta (64%)
- Yellow (0%)
- Black (20%)



- Cyan (43%)
- Magenta (71%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9149CC 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 9149CC by changing the saturation by 10% instead.



9149CC

9149CC

FFFFFF

752FB0

CA7EFF

591195

E899FF

3D007A

FFB4FF

1F0061

FFD1FF

000048

FFEEFF

000430

00011B

000000

9149CC

9149CC

 8835CC

 9A5DCC

 7F20CC

 A372CC

 750CCC

 AD86CC

 7000CC

 B69BCC

 BFAFCC

 C8C3CC

 D1D8CC

 DBECCC

 E4FFCC

# Harmonies

## Analogous

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



006BED



9149CC



CC0C93

# Triad

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



9149CC



A15C00



00878A

# Complementary

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



9149CC



84CC49

# 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.



008545



9149CC



697300

# Square

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



9149CC



C9360F



007F00



0086C6

# Rectangle

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



9149CC



DA0068



007F00



008773



# Sweetspot

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



9149CC



E9CFFF



4986CC



726280



000000



808080



# Same Dimension

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



9149CC



A73BFF



CC49C8



615C66



5B00A6



150026



# Inverse Universe

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



CC4984



FF3B93



49CC4D



665C60



A6004B

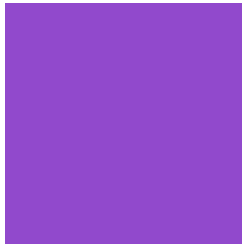


260011



# Previews

## White Background



This preview shows how the Hex color 9149CC looks on a white background.

## Color Contrast Check

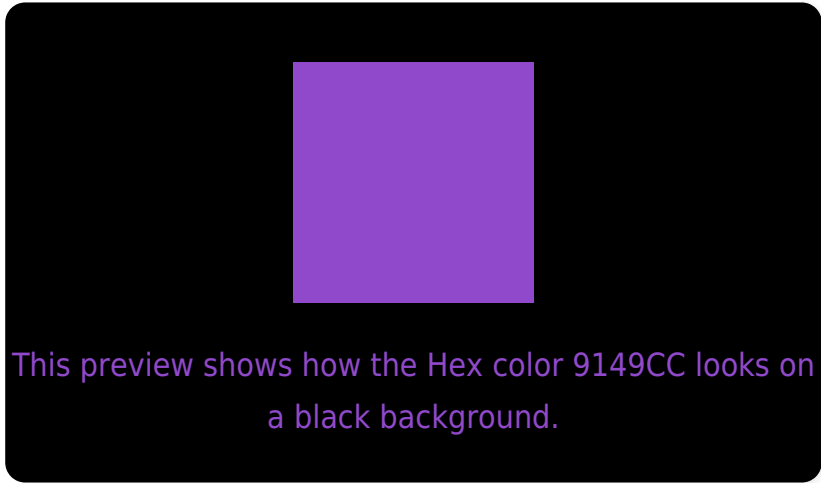
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

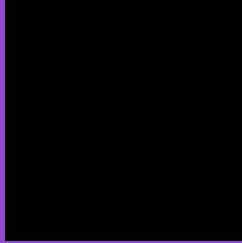
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9149CC Background



This preview shows how black text looks on a background with the Hex color 9149CC.




This preview shows how white text looks on a background with the Hex color 9149CC.

# 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](#).

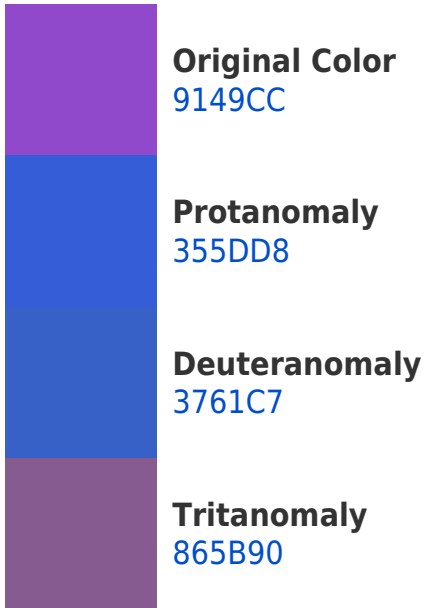
## Dichromacy



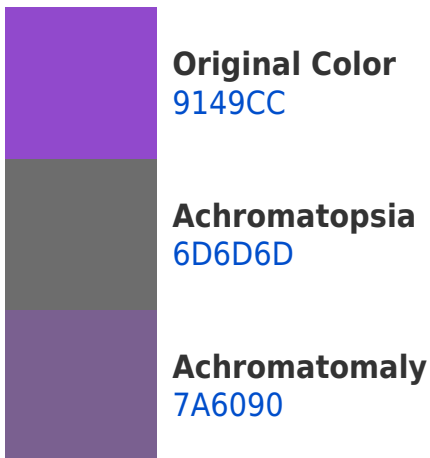


**Tritanopia**  
80656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9149CC 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 #9149CC looks like.

```
.text, #text, p{  
    color:#9149CC  
}
```

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 #9149CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9149CC }  
}
```

## Border

The CSS property to change the border of an element to Hex 9149CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

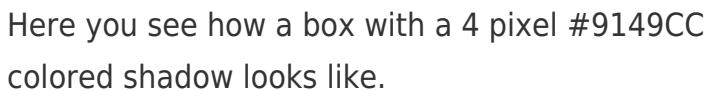
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9149CC }  
}
```

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

```
.border{ border-color:#9149CC }
```

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



Here you see how a box with a 4 pixel #9149CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9149CC; -webkit-box-shadow:4px 4px  
4px 4px #9149CC; box-shadow:4px 4px 4px  
4px #9149CC }
```

# Background

The CSS property to change the background color of an element to Hex 9149CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9149CC }
```

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

```
.background{ background-color:#9149CC }
```

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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