

# Converting Colors

Hex(9447DC)

Have a look what the booklet for  
Hex(9447DC) contains.

<b>Hex(9447DC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9447DC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9447DC
RGB	148, 71, 220
RGB Percent	58%, 28%, 86%
CMY	0.4196, 0.7216, 0.1373
CMYK	0.33, 0.68, 0.00, 0.14
HSL	271°, 68%, 57%
HSV	271°, 68%, 86%
XYZ	27.3842, 15.9697, 69.3493
YIQ	111.0090, -1.9370, 62.6630

# Conversions

## Conversions Part 2

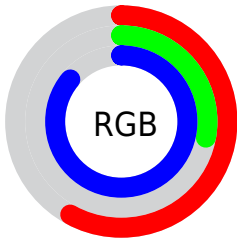
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 71, 220
Decimal	9717724
CIE <sub>Lab</sub>	46.93, 58.97, -63.57
CIE <sub>LCh</sub>	47, 86.706, 312.848
Yxy	15.9697, 0.2430, 0.1417
Android (android.graphics.Color)	4287907804 (0xFF9447DC)
YUV	111.0090, 53.7326, 32.4411
Hunter-Lab	39.9621, 52.3845, -74.9171

# Details

The Hex color **9447DC** 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 **8FDC47**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **CE7CFF**, and **5A09A4** is the 20% darker color. If you saturate the color by 10%, you get **8931DC**, and if you desaturate by 10%, it is **9F5DDC**.

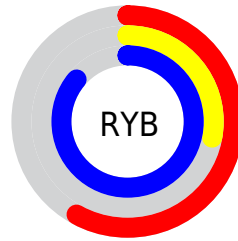
# Distribution



Red (58%)

Green (28%)

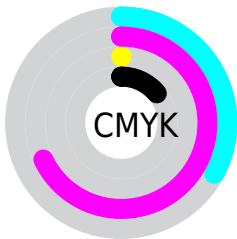
Blue (86%)



Red (58%)

Yellow (28%)

Blue (86%)

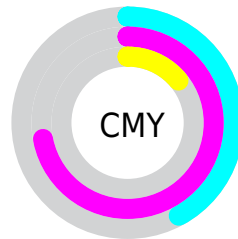


Cyan (33%)

Magenta (68%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (72%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9447DC 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 9447DC by changing the saturation by 10% instead.



9447DC

9447DC

FFFFFF

772CC0

CE7CFF

5A09A4

EC98FF

3D0089

FFB4FF

1B006F

FFD0FF

000055

FFEDFF

00043D

000326

00010F

000000

■ 9447DC

■ 9447DC

■ 8931DC

■ 9F5DDC

■ 7F1BDC

■ A973DC

■ 7405DC

■ B489DC

■ 7200DC

■ BF9FDC

■ C9B5DC

■ D4CBDC

■ DEE1DC

■ E9F7DC

■ F4FFDC

# Harmonies

## Analogous

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



006FFF



9447DC



D8009C

# Triad

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



9447DC



A95C00



008C8E

# Complementary

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



9447DC



8FDC47

# 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.



008A41



9447DC



6C7600

# Square

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



9447DC



D62B03



008400



008BD2

# Rectangle

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



9447DC



E8006C



008400



008C75



# Sweetspot

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



9447DC



E6CCFF



478FDC



716180



000000



808080



# Same Dimension

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



9447DC



9B30FF



DC47DA



68636E



5A00AD



18002E



# Inverse Universe

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



DC478F



FF3094



47DC49



6E6368



AD0054

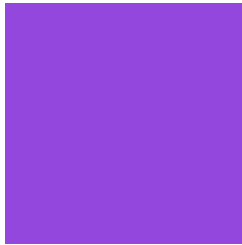


2E0016



# Previews

## White Background



This preview shows how the Hex color 9447DC looks on a white background.

## Color Contrast Check

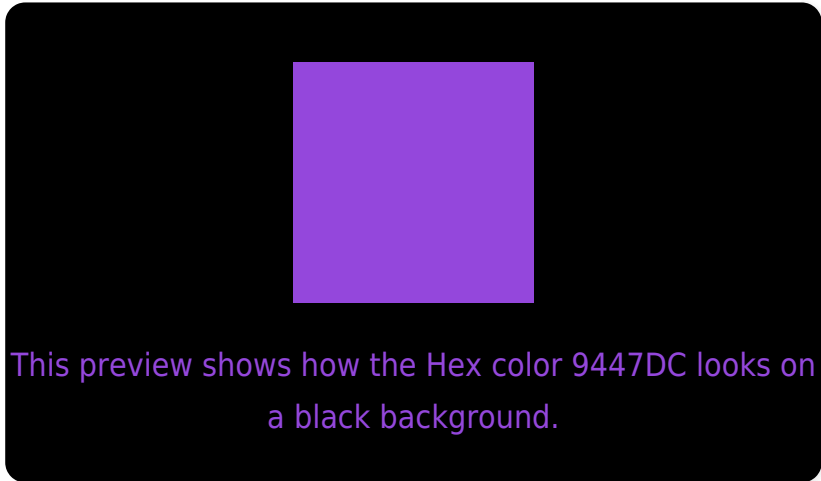
Large Text (above 18pt) WCAG AA ✓ Pass

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

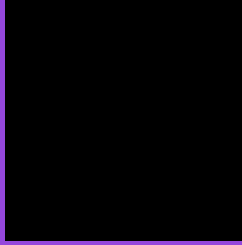
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9447DC Background



This preview shows how black text looks on a background with the Hex color 9447DC.

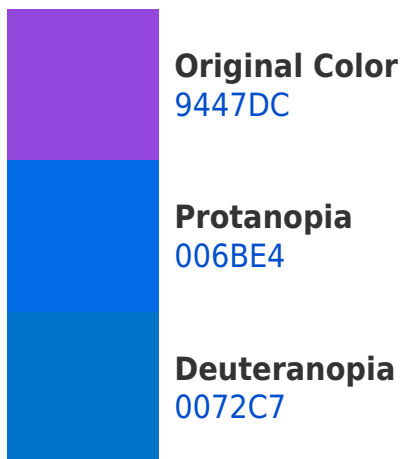



This preview shows how white text looks on a background with the Hex color 9447DC.

# 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**  
806971

# Trichromacy



**Original Color**  
9447DC



**Protanomaly**  
365EE1



**Deuteranomaly**  
3662CF



**Tritanomaly**  
875D98

# Monochromacy



**Original Color**  
9447DC



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
7C6097

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9447DC 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 #9447DC looks like.

```
.text, #text, p{  
    color:#9447DC  
}
```

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 #9447DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9447DC
}
```

## Border

The CSS property to change the border of an element to Hex 9447DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

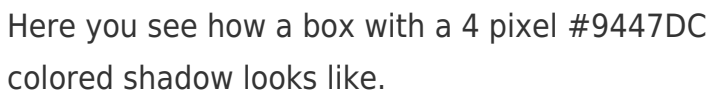
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9447DC }
```

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

```
.border{ border-color:#9447DC }
```

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



Here you see how a box with a 4 pixel #9447DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9447DC; -webkit-box-shadow:4px 4px  
4px 4px #9447DC; box-shadow:4px 4px 4px  
4px #9447DC }
```

# Background

The CSS property to change the background color of an element to Hex 9447DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9447DC }
```

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

```
.background{ background-color:#9447DC }
```

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