

Converting Colors

Hex(9734AC)

Have a look what the booklet for
Hex(9734AC) contains.

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Color

Hex(9734AC)

Conversions

Conversions Part 1

Format	Color
Hex	9734AC
RGB	151, 52, 172
RGB Percent	59%, 20%, 67%
CMY	0.4078, 0.7961, 0.3255
CMYK	0.12, 0.70, 0.00, 0.33
HSL	290°, 54%, 44%
HSV	290°, 70%, 67%
XYZ	21.4369, 12.0138, 40.2188
YIQ	95.2810, 20.4840, 58.3080

Conversions

Conversions Part 2

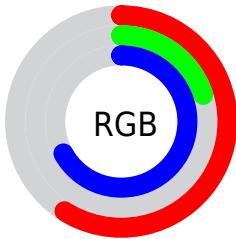
Format	Color
R_{YB}	151, 52, 172
Decimal	9909420
CIE _{Lab}	41.24, 57.64, -44.81
CIE _{LCh}	41, 73.009, 322.134
Yxy	12.0138, 0.2910, 0.1631
Android (android.graphics.Color)	4288099500 (0xFF9734AC)
YUV	95.2810, 37.8225, 48.8656
Hunter-Lab	34.6610, 49.7406, -44.5343

Details

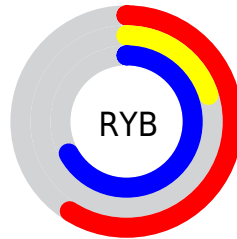
The Hex color **9734AC** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49AC34**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D06BE4**, and **600077** is the 20% darker color. If you saturate the color by 10%, you get **9423AC**, and if you desaturate by 10%, it is **9A45AC**.

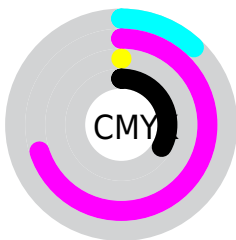
Distribution



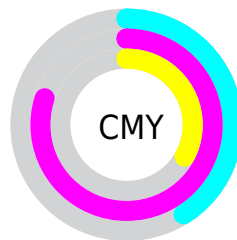
- Red (59%)
- Green (20%)
- Blue (67%)



- Red (59%)
- Yellow (20%)
- Blue (67%)



- Cyan (12%)
- Magenta (70%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9734AC 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 9734AC by changing the saturation by 10% instead.

 9734AC

 9734AC

FFFFFF

 7B1391

 D06BE4

 600077

 ED86FF

 45005E

 FFA2FF

 2D0045

 FFBEFF

 0A002E

 FFDBFF

 000118

 FFF8FF

 000000

 9734AC

 9734AC

 9423AC

 9A45AC

9112AC

9D56AC

8E00AC

A068AC

A379AC

A68AAC

A99BAC

ACACAC

AFBEAC

B2CFAC

Harmonies

Analogous

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



1B59D2



9734AC



C00074

Triad

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



9734AC



845900



007A8D

Complementary

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



9734AC



49AC34

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.



00794F



9734AC



4D6B00

Square

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



9734AC



AE3B00



007503



0078C0

Rectangle

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



9734AC



C7004C



007503



007A79

Sweetspot

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



9734AC



D8B1E0



344AAC



6B5470



F0F0F0



707070

Same Dimension

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



9734AC



BF24E0



AC3486



554E57



7C0096



130017

Inverse Universe

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



AC3449



E02445



34AC5A



574E50



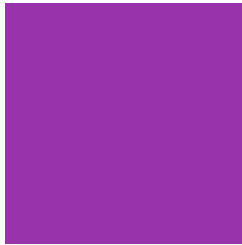
96001A



170004

Previews

White Background



This preview shows how the Hex color 9734AC looks on a white background.

Color Contrast Check

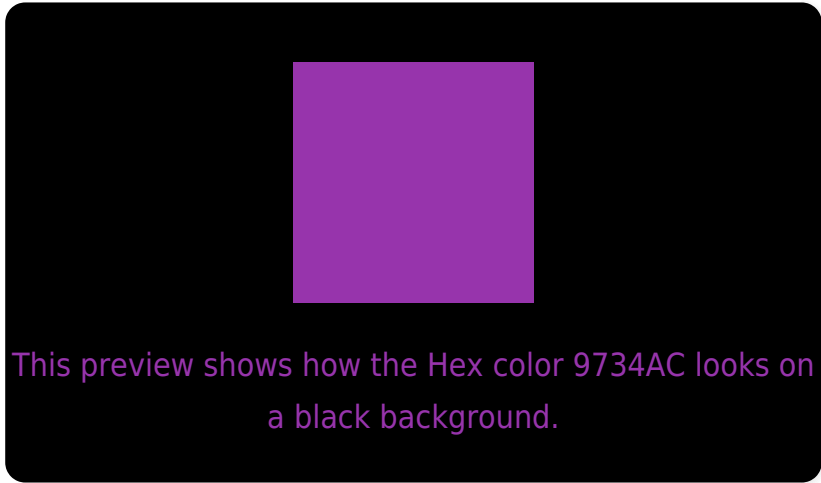
Large Text (above 18pt) WCAG AA ✓ Pass

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

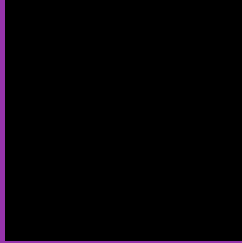
Any Text WCAG AA × Fail

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 9734AC Background



This preview shows how black text looks on a background with the Hex color 9734AC.

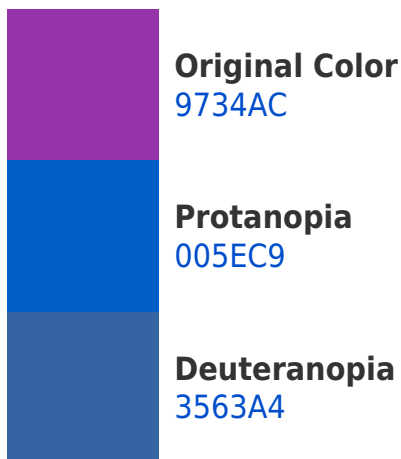



This preview shows how white text looks on a background with the Hex color 9734AC.

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
8C5156

Trichromacy



Original Color
9734AC



Protanomaly
374FBE



Deuteranomaly
5952A7



Tritanomaly
904675

Monochromacy



Original Color
9734AC



Achromatopsia
5F5F5F



Achromatomaly
734F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9734AC 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 #9734AC looks like.

```
.text, #text, p{  
    color:#9734AC  
}
```

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 #9734AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9734AC }
}
```

Border

The CSS property to change the border of an element to Hex 9734AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

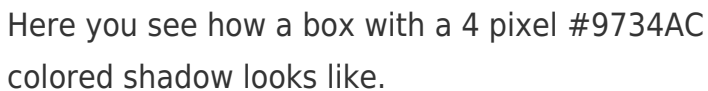
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9734AC }
}
```

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

```
.border{ border-color:#9734AC }
```

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



Here you see how a box with a 4 pixel #9734AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9734AC; -webkit-box-shadow:4px 4px  
4px 4px #9734AC; box-shadow:4px 4px 4px  
4px #9734AC }
```

Background

The CSS property to change the background color of an element to Hex 9734AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9734AC }
```

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

```
.background{ background-color:#9734AC }
```

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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