

Converting Colors

Hex(9744BC)

Have a look what the booklet for
Hex(9744BC) contains.

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Color

Hex(9744BC)

Conversions

Conversions Part 1

Format	Color
Hex	9744BC
RGB	151, 68, 188
RGB Percent	59%, 27%, 74%
CMY	0.4078, 0.7333, 0.2627
CMYK	0.20, 0.64, 0.00, 0.26
HSL	282°, 47%, 50%
HSV	282°, 64%, 74%
XYZ	23.9067, 14.3444, 49.0857
YIQ	106.4970, 10.9480, 54.9160

Conversions

Conversions Part 2

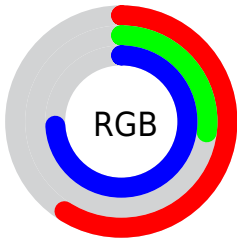
Format	Color
R_{YB}	151, 68, 188
Decimal	9913532
CIE _{Lab}	44.72, 53.88, -48.66
CIE _{LCh}	45, 72.603, 317.916
Yxy	14.3444, 0.2737, 0.1642
Android (android.graphics.Color)	4288103612 (0xFF9744BC)
YUV	106.4970, 40.1810, 39.0291
Hunter-Lab	37.8740, 46.3928, -50.3296

Details

The Hex color **9744BC** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **69BC44**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D079F5**, and **600686** is the 20% darker color. If you saturate the color by 10%, you get **9131BC**, and if you desaturate by 10%, it is **9D57BC**.

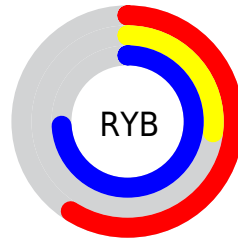
Distribution



Red (59%)

Green (27%)

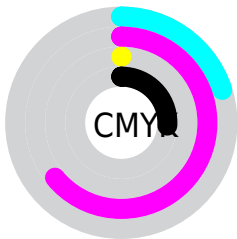
Blue (74%)



Red (59%)

Yellow (27%)

Blue (74%)

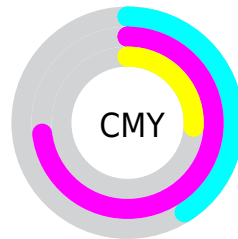


Cyan (20%)

Magenta (64%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (73%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9744BC 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 9744BC by changing the saturation by 10% instead.

9744BC

9744BC

FFFFFF

7B29A1

D079F5

600686

ED94FF

45006C

FFB0FF

2A0053

FFCCFF

0D003B

FFE9FF

000224

00000C

000000

9744BC

9744BC

9131BC

9D57BC

8B1EBC

A36ABC

860CBC

A87CBC

8200BC

AE8FBC

B4A2BC

BAB5BC

C0C8BC

C5DABC

CBEDBC

Harmonies

Analogous

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



0065DF



9744BC



C71585

Triad

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



9744BC



955E00



00838E

Complementary

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



9744BC



69BC44

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.



00824E



9744BC



5F7200

Square

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



9744BC



BD3F07



007D00



0081C3

Rectangle

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



9744BC



D1015D



007D00



008379

Sweetspot

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



9744BC



E6C6F5



446ABC



725E7A



FAFAFA



7A7A7A

Same Dimension

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



9744BC



BB38F5



BC44A6



5B555E



6D009E



15001F

Inverse Universe

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



BC4469



F53872



44BC5A



5E5558



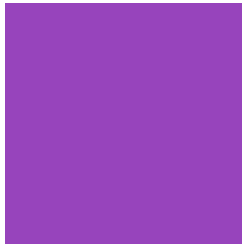
9E0031



1F0009

Previews

White Background



This preview shows how the Hex color 9744BC looks on a white background.

Color Contrast Check

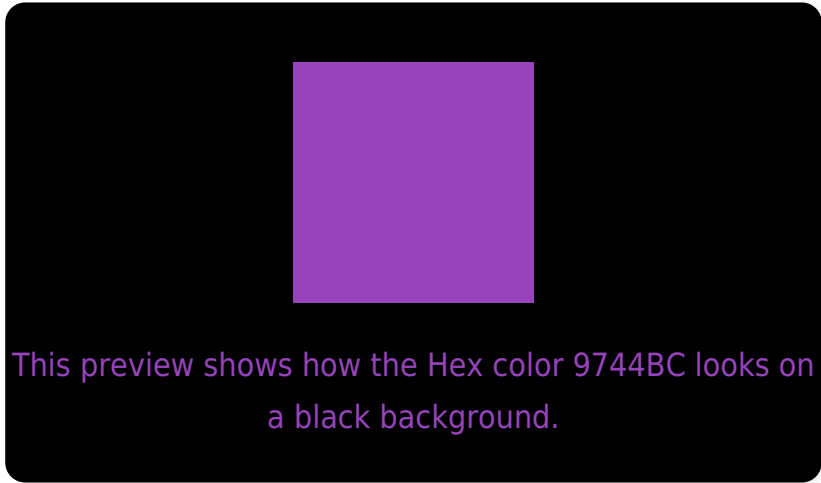
Large Text (above 18pt) WCAG AA ✓ Pass

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

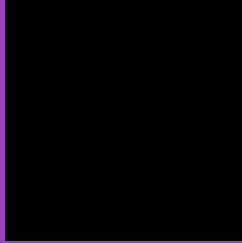
Any Text WCAG AA × Fail

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 9744BC Background



This preview shows how black text looks on a background with the Hex color 9744BC.

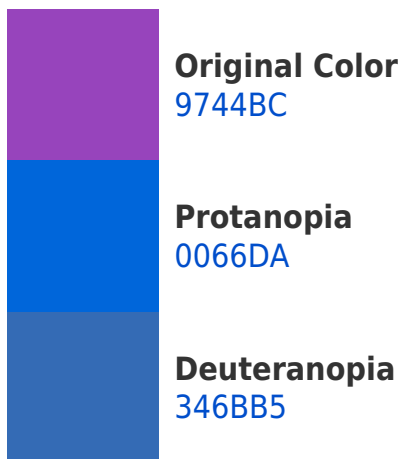


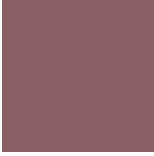
This preview shows how white text looks on a background with the Hex color 9744BC.

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
8A5E65

Trichromacy



Original Color
9744BC



Protanomaly
375ACF



Deuteranomaly
585DB8



Tritanomaly
8F5585

Monochromacy



Original Color
9744BC



Achromatopsia
6A6A6A



Achromatomaly
7A5C88

CSS Examples

Text

The CSS property to change the color of the text to Hex 9744BC 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 #9744BC looks like.

```
.text, #text, p{  
    color:#9744BC  
}
```

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 #9744BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9744BC
}
```

Border

The CSS property to change the border of an element to Hex 9744BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

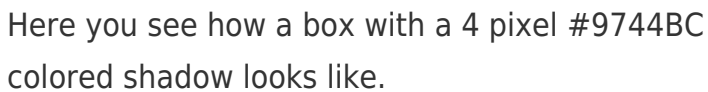
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9744BC }
```

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

```
.border{ border-color:#9744BC }
```

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



Here you see how a box with a 4 pixel #9744BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9744BC; -webkit-box-shadow:4px 4px  
4px 4px #9744BC; box-shadow:4px 4px 4px  
4px #9744BC }
```

Background

The CSS property to change the background color of an element to Hex 9744BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9744BC }
```

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

```
.background{ background-color:#9744BC }
```

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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