

Converting Colors

Hex(9647B3)

Have a look what the booklet for
Hex(9647B3) contains.

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Color

Hex(9647B3)

Conversions

Conversions Part 1

Format	Color
Hex	9647B3
RGB	150, 71, 179
RGB Percent	59%, 28%, 70%
CMY	0.4118, 0.7216, 0.2980
CMYK	0.16, 0.60, 0.00, 0.30
HSL	284°, 43%, 49%
HSV	284°, 60%, 70%
XYZ	22.9676, 14.2452, 44.1869
YIQ	106.9330, 12.4160, 50.3360

Conversions

Conversions Part 2

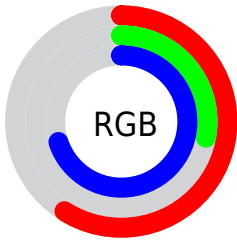
Format	Color
R_{YB}	150, 71, 179
Decimal	9848755
CIE _{Lab}	44.58, 50.30, -43.62
CIE _{LCh}	45, 66.579, 319.068
Yxy	14.2452, 0.2822, 0.1750
Android (android.graphics.Color)	4288038835 (0xFF9647B3)
YUV	106.9330, 35.5290, 37.7698
Hunter-Lab	37.7428, 42.5726, -42.9931

Details

The Hex color **9647B3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **64B347**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CF7CEB**, and **600E7E** is the 20% darker color. If you saturate the color by 10%, you get **9135B3**, and if you desaturate by 10%, it is **9B59B3**.

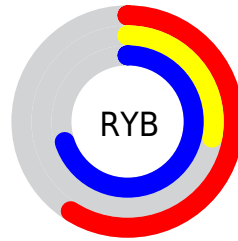
Distribution



Red (59%)

Green (28%)

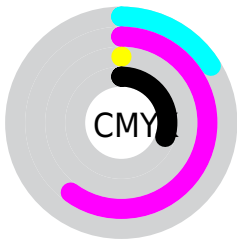
Blue (70%)



Red (59%)

Yellow (28%)

Blue (70%)

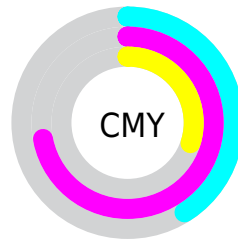


Cyan (16%)

Magenta (60%)

Yellow (0%)

Black (30%)



Cyan (41%)

Magenta (72%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9647B3 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 9647B3 by changing the saturation by 10% instead.

 9647B3

 9647B3

FFFFFF

 7B2D98

 CF7CEB

 600E7E

 EC97FF

 450064

 FFB2FF

 2C004C

 FFCEFF

 100034

 FFE8FF

 00021E

 000000

 9647B3

 9647B3

 9135B3

 9B59B3

 8C23B3

 A06BB3

 8811B3

 A47DB3

 8300B3

 A98FB3

 AEA1B3

 B3B2B3

 B8C4B3

 BCD6B3

 C1E8B3

Harmonies

Analogous

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



2764D4



9647B3



C02780

Triad

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



9647B3



916000



00818C

Complementary

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



9647B3



64B347

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.



008053



9647B3



5F7100

Square

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



9647B3



B64511



007B15



007FBD

Rectangle

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



9647B3



C9205B



007B15



008179

Sweetspot

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



9647B3



DDBEE8



4766B3



6E5B75



F5F5F5



757575

Same Dimension

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



9647B3



BB41E8



B3479C



575059



700099



13001A

Inverse Universe

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



B34764



E8416E



47B35E



595053



990029



1A0007

Previews

White Background



This preview shows how the Hex color 9647B3 looks on a white background.

Color Contrast Check

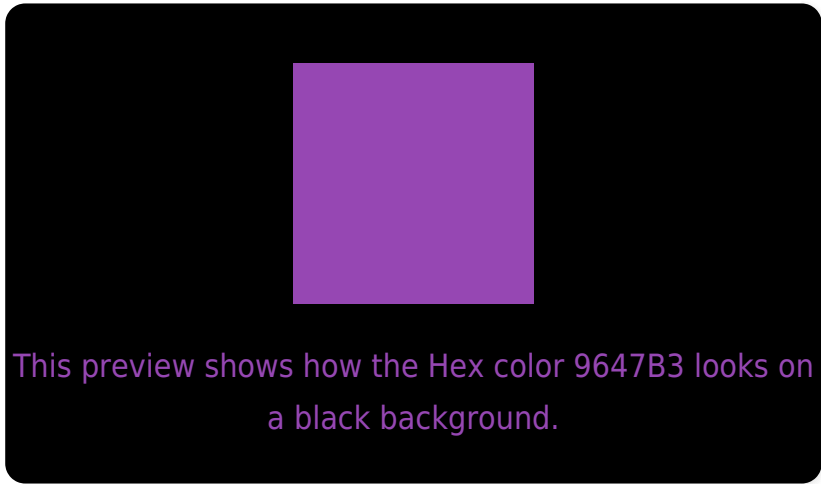
Large Text (above 18pt) WCAG AA ✓ Pass

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

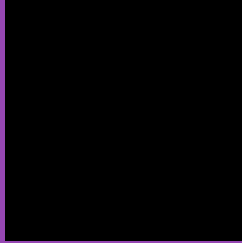
Any Text WCAG AA × Fail

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 9647B3 Background



This preview shows how black text looks on a background with the Hex color 9647B3.

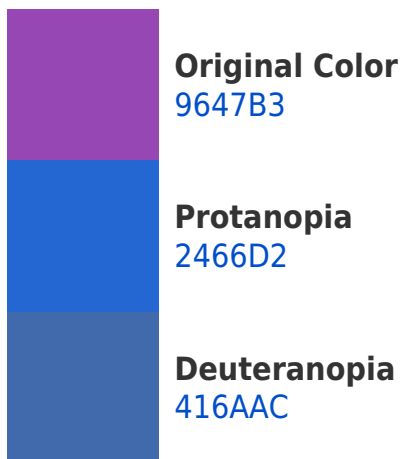


This preview shows how white text looks on a background with the Hex color 9647B3.

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
8A5D64

Trichromacy



Original Color
9647B3



Protanomaly
4D5BC7



Deuteranomaly
605DAF



Tritanomaly
8E5581

Monochromacy



Original Color
9647B3



Achromatopsia
6B6B6B



Achromatomaly
7B5E85

CSS Examples

Text

The CSS property to change the color of the text to Hex 9647B3 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 #9647B3 looks like.

```
.text, #text, p{  
    color:#9647B3  
}
```

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 #9647B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9647B3
}
```

Border

The CSS property to change the border of an element to Hex 9647B3 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".

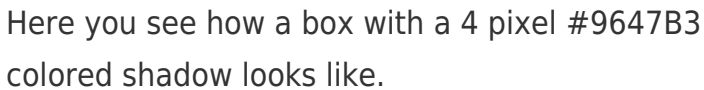
```
.border, #border, table{ border:4px solid
#9647B3 }
```

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

```
.border{ border-color:#9647B3 }
```

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

Here you see how a box with a 4 pixel #9647B3 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9647B3; -webkit-box-shadow:4px 4px  
4px 4px #9647B3; box-shadow:4px 4px 4px  
4px #9647B3 }
```

Background

The CSS property to change the background color of an element to Hex 9647B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9647B3 }
```

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

```
.background{ background-color:#9647B3 }
```

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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