

Converting Colors

Hex(9647B7)

Have a look what the booklet for
Hex(9647B7) contains.

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Color

Hex(9647B7)

Conversions

Conversions Part 1

Format	Color
Hex	9647B7
RGB	150, 71, 183
RGB Percent	59%, 28%, 72%
CMY	0.4118, 0.7216, 0.2824
CMYK	0.18, 0.61, 0.00, 0.28
HSL	282°, 44%, 50%
HSV	282°, 61%, 72%
XYZ	23.3782, 14.4094, 46.3489
YIQ	107.3890, 11.1320, 51.5800

Conversions

Conversions Part 2

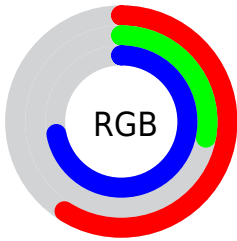
Format	Color
R_{YB}	150, 71, 183
Decimal	9848759
CIE _{Lab}	44.81, 51.14, -45.60
CIE _{LCh}	45, 68.519, 318.282
Y _{xy}	14.4094, 0.2779, 0.1713
Android (android.graphics.Color)	4288038839 (0xFF9647B7)
YUV	107.3890, 37.2762, 37.3698
Hunter-Lab	37.9597, 43.5028, -45.8214

Details

The Hex color **9647B7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **68B747**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CF7CF0**, and **5F0E81** is the 20% darker color. If you saturate the color by 10%, you get **9135B7**, and if you desaturate by 10%, it is **9B59B7**.

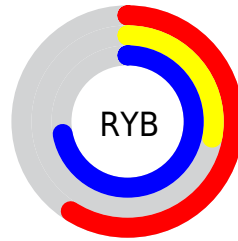
Distribution



Red (59%)

Green (28%)

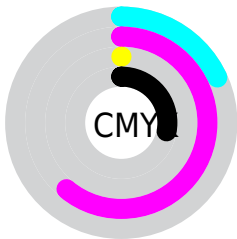
Blue (72%)



Red (59%)

Yellow (28%)

Blue (72%)

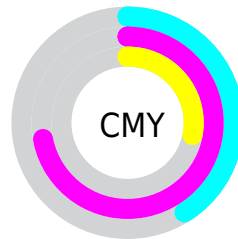


Cyan (18%)

Magenta (61%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (72%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9647B7 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 9647B7 by changing the saturation by 10% instead.

9647B7

9647B7

FFFFFF

7A2D9C

CF7CF0

5F0E81

EC97FF

450068

FFB2FF

2B004F

FFCFFF

0F0037

FFE8FF

000221

000005

000000

9647B7

9647B7

9135B7

9B59B7

8B22B7

A16CB7

8610B7

A67EB7

8100B7

AC90B7

B1A3B7

B6B5B7

BCC7B7

C1D9B7

C7ECB7

Harmonies

Analogous

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



1665D8



9647B7



C32383

Triad

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



9647B7



935F00



00838C

Complementary

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



9647B7



68B747

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.



008151



9647B7



607200

Square

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



9647B7



B94310



007C0E



0080BF

Rectangle

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



9647B7



CC1A5D



007C0E



008279

Sweetspot

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



9647B7



E1C2ED



4769B7



705D78



F7F7F7



787878

Same Dimension

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



9647B7



BA40ED



B747A1



59535C



6E009C



14001C

Inverse Universe

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



B74768



ED4073



47B75D



5C5355



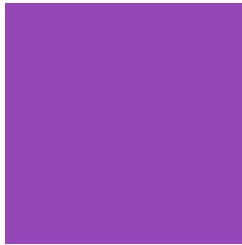
9C002E



1C0008

Previews

White Background



This preview shows how the Hex color 9647B7 looks on a white background.

Color Contrast Check

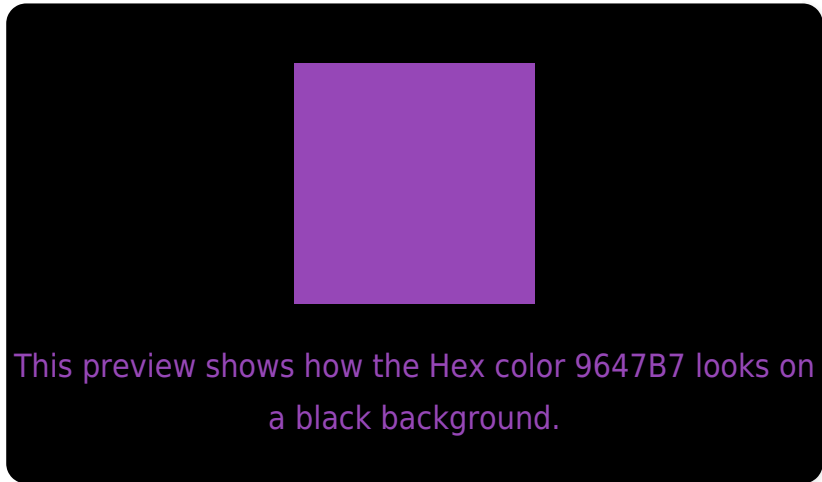
Large Text (above 18pt) WCAG AA ✓ Pass

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

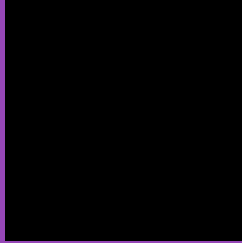
Any Text WCAG AA × Fail

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 9647B7 Background



This preview shows how black text looks on a background with the Hex color 9647B7.

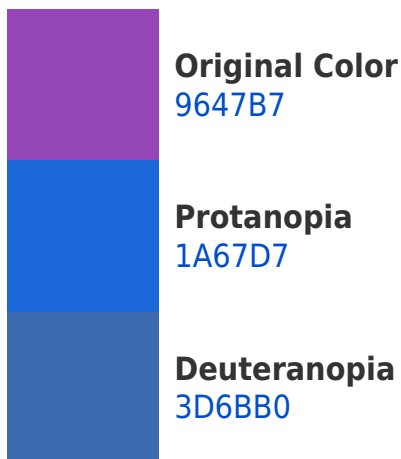


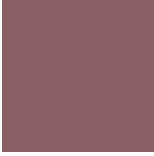
This preview shows how white text looks on a background with the Hex color 9647B7.

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
9647B7



Protanomaly
475BCB



Deuteranomaly
5D5EB3



Tritanomaly
8E5683

Monochromacy



Original Color
9647B7



Achromatopsia
6B6B6B



Achromatomaly
7B5E87

CSS Examples

Text

The CSS property to change the color of the text to Hex 9647B7 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 #9647B7 looks like.

```
.text, #text, p{  
    color:#9647B7  
}
```

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 #9647B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9647B7
}
```

Border

The CSS property to change the border of an element to Hex 9647B7 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
#9647B7 }
```

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

```
.border{ border-color:#9647B7 }
```

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

Here you see how a box with a 4 pixel #9647B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9647B7; -webkit-box-shadow:4px 4px  
4px 4px #9647B7; box-shadow:4px 4px 4px  
4px #9647B7 }
```

Background

The CSS property to change the background color of an element to Hex 9647B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9647B7 }
```

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

```
.background{ background-color:#9647B7 }
```

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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