

Converting Colors

Hex(9757BA)

Have a look what the booklet for
Hex(9757BA) contains.

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Color

Hex(9757BA)

Conversions

Conversions Part 1

Format	Color
Hex	9757BA
RGB	151, 87, 186
RGB Percent	59%, 34%, 73%
CMY	0.4078, 0.6588, 0.2706
CMYK	0.19, 0.53, 0.00, 0.27
HSL	279°, 42%, 54%
HSV	279°, 53%, 73%
XYZ	25.0336, 16.9409, 48.4049
YIQ	117.4220, 6.3650, 44.3570

Conversions

Conversions Part 2

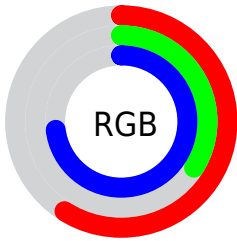
Format	Color
R_{YB}	151, 87, 186
Decimal	9918394
CIE _{Lab}	48.19, 43.84, -41.98
CIE _{LCh}	48, 60.697, 316.244
Yxy	16.9409, 0.2770, 0.1874
Android (android.graphics.Color)	4288108474 (0xFF9757BA)
YUV	117.4220, 33.8090, 29.4479
Hunter-Lab	41.1593, 36.5373, -40.9158

Details

The Hex color **9757BA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7ABA57**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CF8BF3**, and **612584** is the 20% darker color. If you saturate the color by 10%, you get **9044BA**, and if you desaturate by 10%, it is **9E6ABA**.

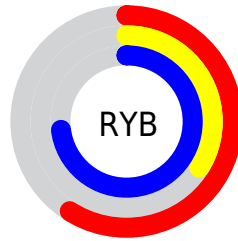
Distribution



Red (59%)

Green (34%)

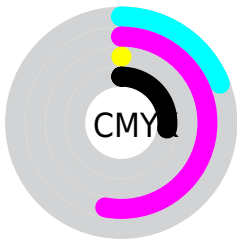
Blue (73%)



Red (59%)

Yellow (34%)

Blue (73%)

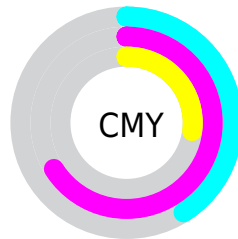


Cyan (19%)

Magenta (53%)

Yellow (0%)

Black (27%)



Cyan (41%)

Magenta (66%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9757BA 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 9757BA by changing the saturation by 10% instead.

9757BA

9757BA

FFFFFF

7C3E9F

CF8BF3

612584

ECA6FF

47086B

FFC2FF

2D0052

FFDEFF

17003A

FFFBFF

000223

00000B

000000

9757BA

9757BA

9044BA

9E6ABA

8A32BA

A47CBA

831FBA

AB8FBA

7D0DBA

B1A1BA

7800BA

B8B4BA

BEC7BA

C5D9BA

CCECBA

D2FEBA

Harmonies

Analogous

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



366FD6



9757BA



C23F8C

Triad

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



9757BA



9D6700



008A8E

Complementary

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



9757BA



7ABA57

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.



008858



9757BA



707900

Square

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



9757BA



BE5029



2F8324



0087BC

Rectangle

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



9757BA



CC3A6A



2F8324



008A7C

Sweetspot

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



9757BA



E5CBF2



577BBA



72637A



FAFAFA



7A7A7A

Same Dimension

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



9757BA



BB57F2



BA57AD



59535C



65009C



12001C

Inverse Universe

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



BA577A



F2578E



57BA64



5C5356



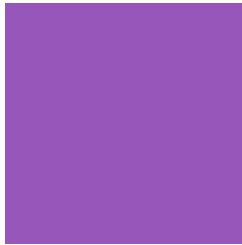
9C0037



1C000A

Previews

White Background



This preview shows how the Hex color 9757BA looks on a white background.

Color Contrast Check

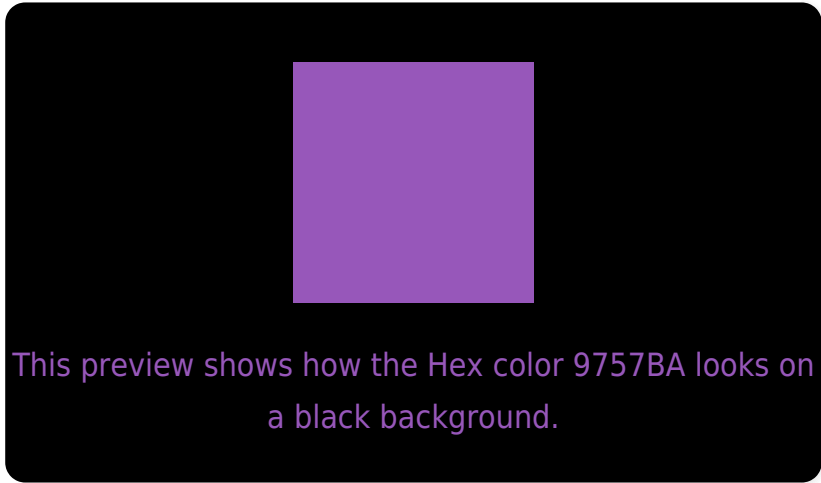
Large Text (above 18pt) WCAG AA ✓ Pass

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

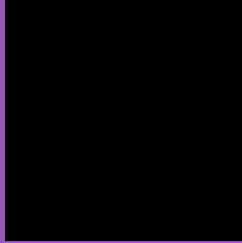
Any Text WCAG AA × Fail

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 9757BA Background



This preview shows how black text looks on a background with the Hex color 9757BA.

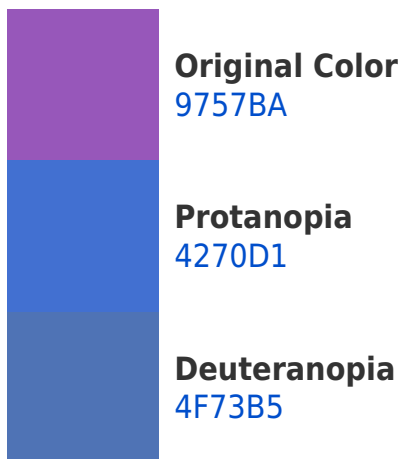



This preview shows how white text looks on a background with the Hex color 9757BA.

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](#).

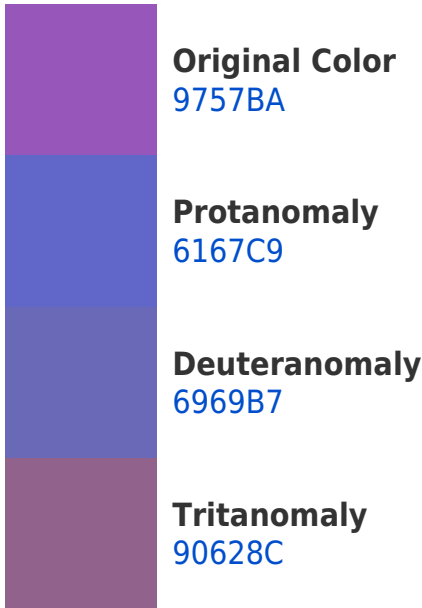
Dichromacy



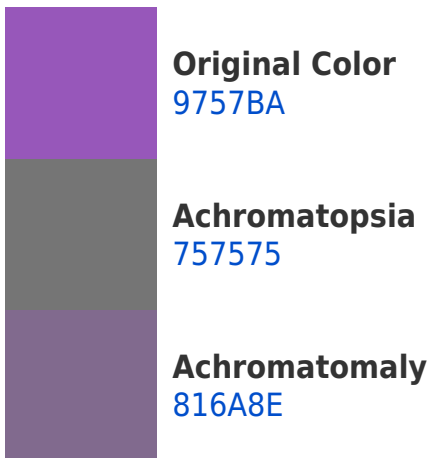


Tritanopia
8C6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9757BA 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 #9757BA looks like.

```
.text, #text, p{  
    color:#9757BA  
}
```

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 #9757BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9757BA
}
```

Border

The CSS property to change the border of an element to Hex 9757BA 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
#9757BA }
```

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

```
.border{ border-color:#9757BA }
```

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

Here you see how a box with a 4 pixel #9757BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9757BA; -webkit-box-shadow:4px 4px  
4px 4px #9757BA; box-shadow:4px 4px 4px  
4px #9757BA }
```

Background

The CSS property to change the background color of an element to Hex 9757BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9757BA }
```

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

```
.background{ background-color:#9757BA }
```

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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