

Converting Colors

Hex(9754A7)

Have a look what the booklet for
Hex(9754A7) contains.

Hex(9754A7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9754A7)

Conversions

Conversions Part 1

Format	Color
Hex	9754A7
RGB	151, 84, 167
RGB Percent	59%, 33%, 65%
CMY	0.4078, 0.6706, 0.3451
CMYK	0.10, 0.50, 0.00, 0.35
HSL	288°, 33%, 49%
HSV	288°, 50%, 65%
XYZ	22.9079, 15.7100, 38.3842
YIQ	113.4950, 13.2890, 40.0170

Conversions

Conversions Part 2

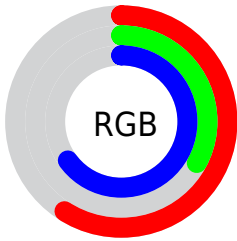
Format	Color
R_{YB}	151, 84, 167
Decimal	9917607
CIE _{Lab}	46.59, 41.37, -33.37
CIE _{LCh}	47, 53.149, 321.111
Yxy	15.7100, 0.2975, 0.2040
Android (android.graphics.Color)	4288107687 (0xFF9754A7)
YUV	113.4950, 26.3780, 32.8919
Hunter-Lab	39.6358, 33.8030, -29.6726

Details

The Hex color **9754A7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **64A754**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CF88DE**, and **622273** is the 20% darker color. If you saturate the color by 10%, you get **9443A7**, and if you desaturate by 10%, it is **9A65A7**.

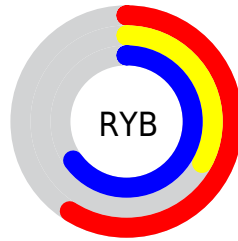
Distribution



Red (59%)

Green (33%)

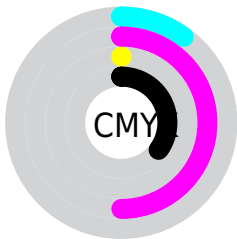
Blue (65%)



Red (59%)

Yellow (33%)

Blue (65%)

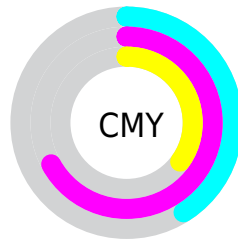


Cyan (10%)

Magenta (50%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (67%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9754A7 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 9754A7 by changing the saturation by 10% instead.

9754A7

9754A7

FFFFFF

7C3B8C

CF88DE

622273

ECA3FB

48045A

FFBEFF

2F0042

FFDBFF

19002B

FFF7FF

000115

000000

9754A7

9754A7

9443A7

9A65A7

9133A7

9D75A7

8D22A7

A186A7

8A11A7

A497A7

8701A7

A7A7A7

8700A7

AAB8A7

AEC9A7

B1DAA7

B4EAA7

Harmonies

Analogous

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



5468C2



9754A7



B8437E

Triad

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



9754A7



8F6805



00838D

Complementary

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



9754A7



64A754

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.



00825F



9754A7



66760A

Square

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



9754A7



AE5529



2B7E33



0080B3

Rectangle

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



9754A7



BE4260



2B7E33



00837E

Sweetspot

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



9754A7



D2B8D9



5465A7



6A5A6E



EDEDED



6E6E6E

Same Dimension

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



9754A7



C057D9



A7548E



534C54



770094



100014

Inverse Universe

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



A75464



D95770



54A76D



544C4D



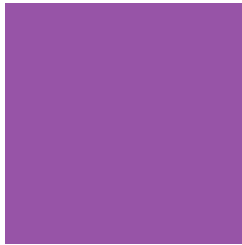
94001D



140004

Previews

White Background



This preview shows how the Hex color 9754A7 looks on a white background.

Color Contrast Check

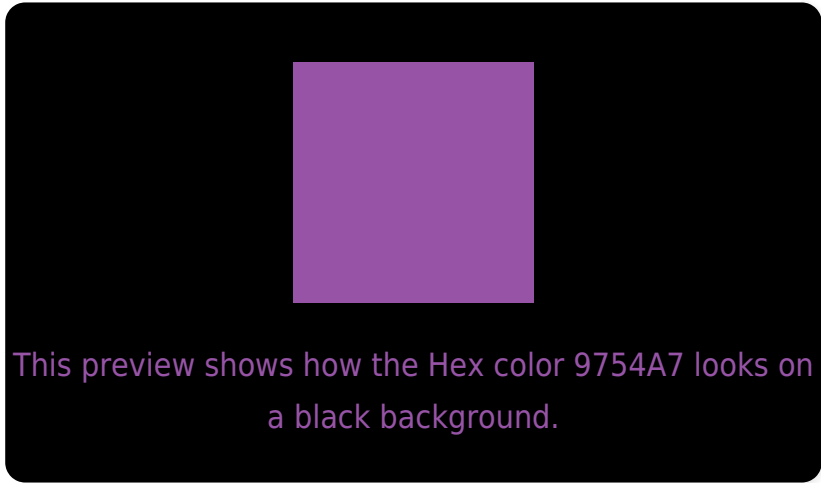
Large Text (above 18pt) WCAG AA ✓ Pass

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

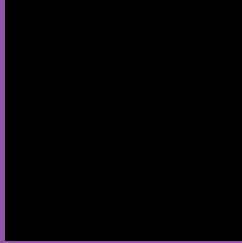
Any Text WCAG AA × Fail

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 9754A7 Background



This preview shows how black text looks on a background with the Hex color 9754A7.

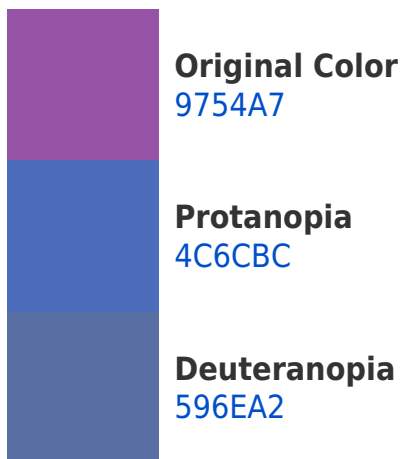



This preview shows how white text looks on a background with the Hex color 9754A7.

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
8F636A

Trichromacy



Original Color

9754A7



Protanomaly

6763B4



Deuteranomaly

7065A4



Tritanomaly

925E80

Monochromacy



Original Color

9754A7



Achromatopsia

717171



Achromatomaly

7F6685

CSS Examples

Text

The CSS property to change the color of the text to Hex 9754A7 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 #9754A7 looks like.

```
.text, #text, p{  
    color:#9754A7  
}
```

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 #9754A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9754A7
}
```

Border

The CSS property to change the border of an element to Hex 9754A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

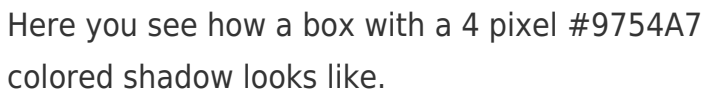
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9754A7 }
```

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

```
.border{ border-color:#9754A7 }
```

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



Here you see how a box with a 4 pixel #9754A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9754A7; -webkit-box-shadow:4px 4px  
4px 4px #9754A7; box-shadow:4px 4px 4px  
4px #9754A7 }
```

Background

The CSS property to change the background color of an element to Hex 9754A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9754A7 }
```

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

```
.background{ background-color:#9754A7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor