

Converting Colors

Hex(9975A7)

Have a look what the booklet for
Hex(9975A7) contains.

Hex(9975A7)	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(9975A7)

Conversions

Conversions Part 1

Format	Color
Hex	9975A7
RGB	153, 117, 167
RGB Percent	60%, 46%, 65%
CMY	0.4000, 0.5412, 0.3451
CMYK	0.08, 0.30, 0.00, 0.35
HSL	283°, 22%, 56%
HSV	283°, 30%, 65%
XYZ	26.4732, 22.2849, 39.4653
YIQ	133.4640, 5.4060, 23.1820

Conversions

Conversions Part 2

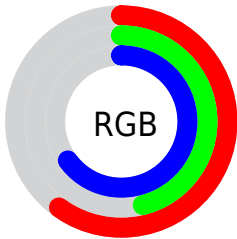
Format	Color
R_{YB}	153, 117, 167
Decimal	10057127
CIE _{Lab}	54.33, 23.39, -21.34
CIE _{LCh}	54, 31.668, 317.625
Yxy	22.2849, 0.3001, 0.2526
Android (android.graphics.Color)	4288247207 (0xFF9975A7)
YUV	133.4640, 16.5332, 17.1331
Hunter-Lab	47.2069, 17.4892, -16.5221

Details

The Hex color **9975A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **83A775**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **D0A9DE**, and **654473** is the 20% darker color. If you saturate the color by 10%, you get **9464A7**, and if you desaturate by 10%, it is **9E86A7**.

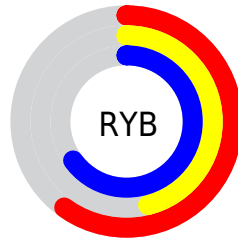
Distribution



Red (60%)

Green (46%)

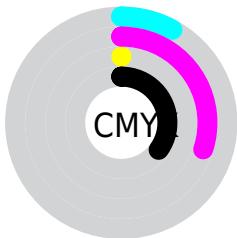
Blue (65%)



Red (60%)

Yellow (46%)

Blue (65%)

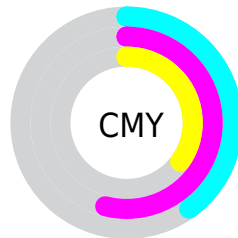


Cyan (8%)

Magenta (30%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9975A7 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 9975A7 by changing the saturation by 10% instead.



9975A7



9975A7

FFFFFF



7F5C8D



D0A9DE



654473



ECC5FB



4D2D5A



FFE1FF



351743

FFFEFF



20002C



000117



000000



9975A7



9975A7



9464A7



9E86A7

9054A7

A296A7

8B43A7

A7A7A7

8632A7

ACB8A7

8221A7

B0C8A7

7D11A7

B5D9A7

7800A7

BAEAA7

BEFBA7

C3FFA7

Harmonies

Analogous

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



747FB6



9975A7



B06E8E

Triad

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



9975A7



9E7C4C



139092

Complementary

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



9975A7



83A775

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.



419075



9975A7



84854D

Square

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



9975A7



B0735B



658C5C



0B8EAA

Rectangle

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



9975A7



B76C7C



658C5C



249188

Sweetspot

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



9975A7



D3C5D9



7583A7



6A626E



EDEDED



6E6E6E

Same Dimension

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



9975A7



C38BD9



A7759C



524C54



6A0094



0F0014

Inverse Universe

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



A77583



D98BA1



75A780



544C4E



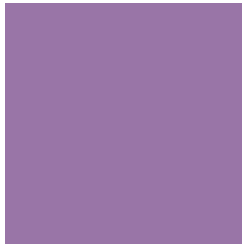
940029



140006

Previews

White Background



This preview shows how the Hex color 9975A7 looks on a white background.

Color Contrast Check

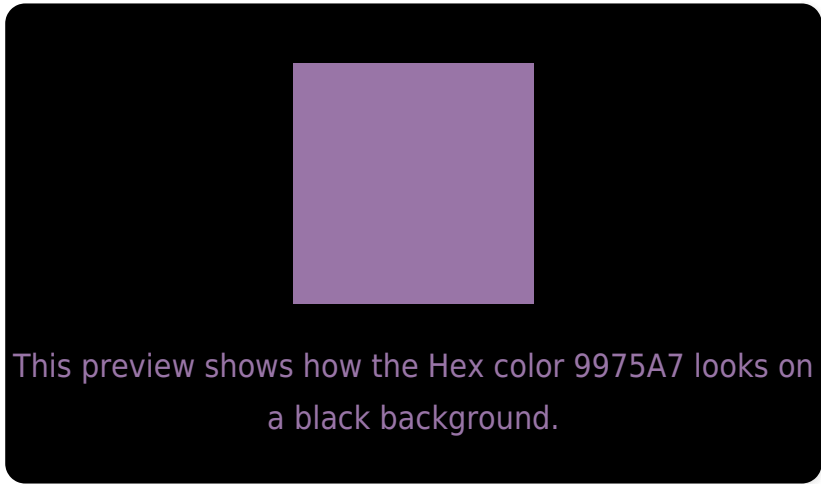
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9975A7 Background



This preview shows how black text looks on a background with the Hex color 9975A7.

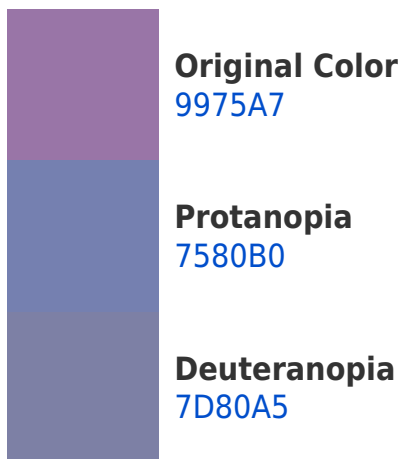



This preview shows how white text looks on a background with the Hex color 9975A7.

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
947C85

Trichromacy



Original Color
9975A7

Protanomaly
827CAD

Deuteranomaly
877CA6

Tritanomaly
967991

Monochromacy



Original Color
9975A7

Achromatopsia
858585

Achromatomaly
8C7F91

CSS Examples

Text

The CSS property to change the color of the text to Hex 9975A7 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 #9975A7 looks like.

```
.text, #text, p{  
    color:#9975A7  
}
```

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 #9975A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9975A7
}
```

Border

The CSS property to change the border of an element to Hex 9975A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

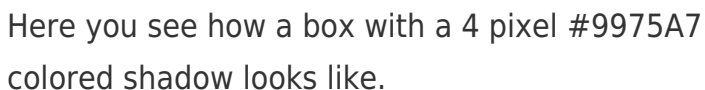
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9975A7 }
```

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

```
.border{ border-color:#9975A7 }
```

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



Here you see how a box with a 4 pixel #9975A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9975A7; -webkit-box-shadow:4px 4px  
4px 4px #9975A7; box-shadow:4px 4px 4px  
4px #9975A7 }
```

Background

The CSS property to change the background color of an element to Hex 9975A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9975A7 }
```

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

```
.background{ background-color:#9975A7 }
```

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