

Converting Colors

Hex(9927AE)

Have a look what the booklet for
Hex(9927AE) contains.

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Color

Hex(9927AE)

Conversions

Conversions Part 1

Format	Color
Hex	9927AE
RGB	153, 39, 174
RGB Percent	60%, 15%, 68%
CMY	0.4000, 0.8471, 0.3176
CMYK	0.12, 0.78, 0.00, 0.32
HSL	291°, 63%, 42%
HSV	291°, 78%, 68%
XYZ	21.5024, 11.2793, 41.0882
YIQ	88.4760, 24.6090, 66.1530

Conversions

Conversions Part 2

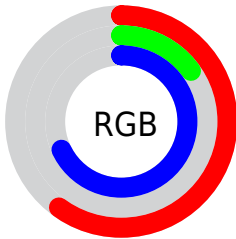
Format	Color
R_{YB}	153, 39, 174
Decimal	10037166
CIE _{Lab}	40.05, 63.08, -47.89
CIE _{LCh}	40, 79.203, 322.792
Yxy	11.2793, 0.2911, 0.1527
Android (android.graphics.Color)	4288227246 (0xFF9927AE)
YUV	88.4760, 42.1633, 56.5875
Hunter-Lab	33.5847, 55.5100, -49.0273

Details

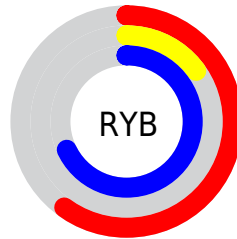
The Hex color **9927AE** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **3CAE27**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D362E6**, and **610079** is the 20% darker color. If you saturate the color by 10%, you get **9616AE**, and if you desaturate by 10%, it is **9C38AE**.

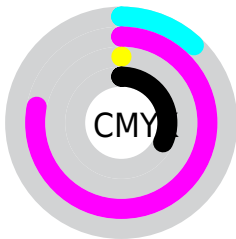
Distribution



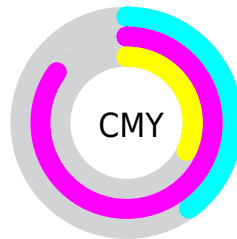
- Red (60%)
- Green (15%)
- Blue (68%)



- Red (60%)
- Yellow (15%)
- Blue (68%)



- Cyan (12%)
- Magenta (78%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (85%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9927AE 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 9927AE by changing the saturation by 10% instead.

■ 9927AE

■ 9927AE

FFFFFF

■ 7D0093

■ D362E6

■ 610079

■ F07DFF

■ 46005F

■ FF99FF

■ 2E0047

■ FFB6FF

■ 08002F

■ FFD2FF

■ 000119

■ FFF0FF

■ 000000

■ 9927AE

■ 9927AE

■ 9616AE

■ 9C38AE

9404AE

9E4AAE

9300AE

A15BAE

A46DAE

A77EAE

A98FAE

ACA1AE

AFB2AE

B1C4AE

Harmonies

Analogous

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



0055D8



9927AE



C40071

Triad

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



9927AE



815700



00788F

Complementary

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



9927AE



3CAE27

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.



00774C



9927AE



446900

Square

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



9927AE



AE3300



007300



0076C6

Rectangle

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



9927AE



CA0046



007300



00787A

Sweetspot

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



9927AE



DBAFE3



273EAE



6E5373



F2F2F2



737373

Same Dimension

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



9927AE



C210E3



AE2781



554E57



7F0096



130017

Inverse Universe

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



AE273C



E31031



27AE54



574E4F



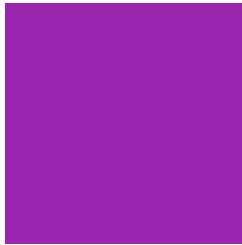
960017



170004

Previews

White Background



This preview shows how the Hex color 9927AE 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

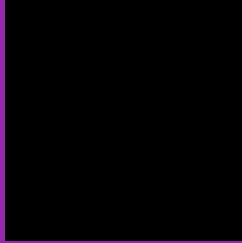
Any Text WCAG AA × Fail

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 9927AE Background



This preview shows how black text looks on a background with the Hex color 9927AE.

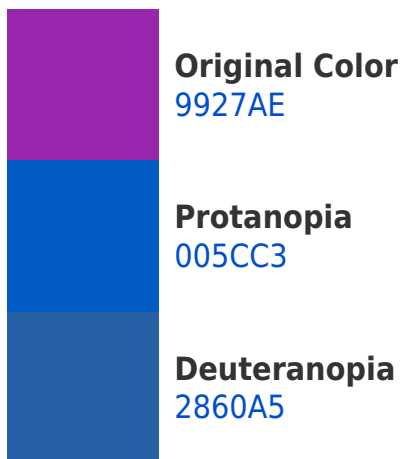


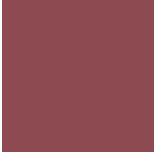
This preview shows how white text looks on a background with the Hex color 9927AE.

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](#).

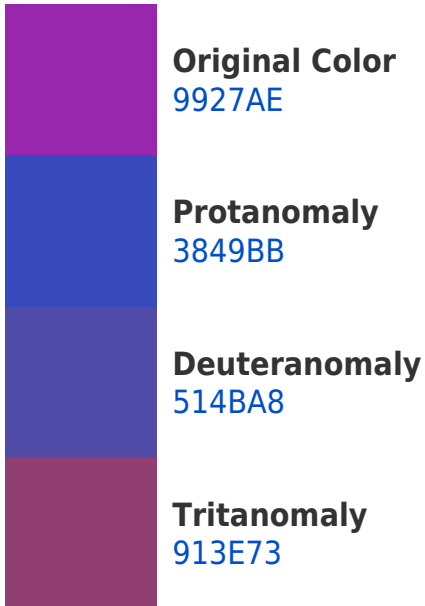
Dichromacy



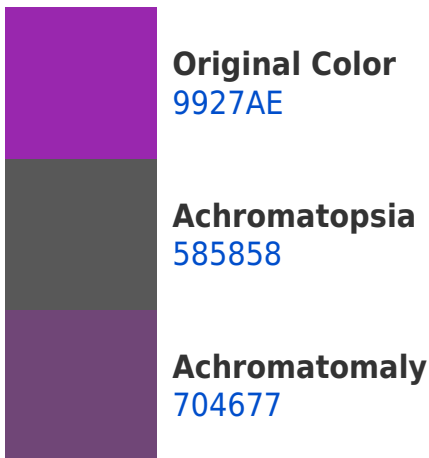


Tritanopia
8D4B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9927AE 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 #9927AE looks like.

```
.text, #text, p{  
    color:#9927AE  
}
```

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 #9927AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9927AE
}
```

Border

The CSS property to change the border of an element to Hex 9927AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

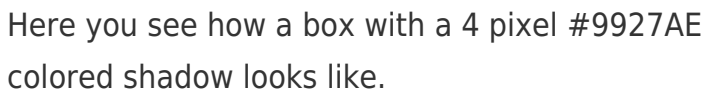
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9927AE }
```

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

```
.border{ border-color:#9927AE }
```

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



Here you see how a box with a 4 pixel #9927AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9927AE; -webkit-box-shadow:4px 4px  
4px 4px #9927AE; box-shadow:4px 4px 4px  
4px #9927AE }
```

Background

The CSS property to change the background color of an element to Hex 9927AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9927AE }
```

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

```
.background{ background-color:#9927AE }
```

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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