

Converting Colors

Hex(9836A7)

Have a look what the booklet for
Hex(9836A7) contains.

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Color

Hex(9836A7)

Conversions

Conversions Part 1

Format	Color
Hex	9836A7
RGB	152, 54, 167
RGB Percent	60%, 21%, 65%
CMY	0.4039, 0.7882, 0.3451
CMYK	0.09, 0.68, 0.00, 0.35
HSL	292°, 51%, 43%
HSV	292°, 68%, 65%
XYZ	21.2431, 12.1038, 37.7758
YIQ	96.1840, 22.1350, 55.9190

Conversions

Conversions Part 2

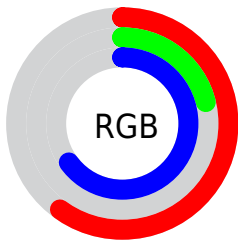
Format	Color
R_{YB}	152, 54, 167
Decimal	9975463
CIE _{Lab}	41.38, 56.10, -41.60
CIE _{LCh}	41, 69.845, 323.442
Yxy	12.1038, 0.2987, 0.1702
Android (android.graphics.Color)	4288165543 (0xFF9836A7)
YUV	96.1840, 34.9123, 48.9506
Hunter-Lab	34.7904, 48.1091, -40.0244

Details

The Hex color **9836A7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **45A736**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D16CDF**, and **610072** is the 20% darker color. If you saturate the color by 10%, you get **9625A7**, and if you desaturate by 10%, it is **9A47A7**.

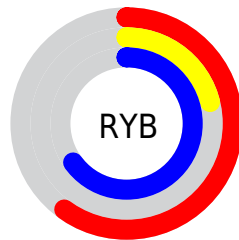
Distribution



Red (60%)

Green (21%)

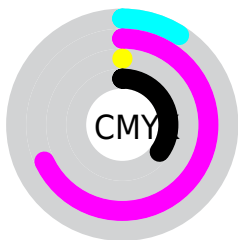
Blue (65%)



Red (60%)

Yellow (21%)

Blue (65%)

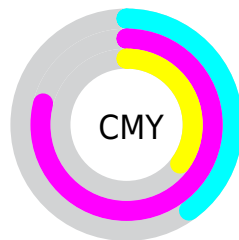


Cyan (9%)

Magenta (68%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (79%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9836A7 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 9836A7 by changing the saturation by 10% instead.

9836A7

9836A7

FFFFFF

7C178C

D16CDF

610072

EE88FC

470059

FFA3FF

2F0041

FFC0FF

0D002A

FFDCFF

000114

FFFAFF

000000

9836A7

9836A7

9625A7

9A47A7

9415A7

9C57A7

9104A7

9F68A7

9100A7

A179A7

A389A7

A59AA7

A8ABA7

AABCA7

ACCCA7

Harmonies

Analogous

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



3358CD



9836A7



BE0071

Triad

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



9836A7



825B00



007A8E

Complementary

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



9836A7



45A736

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.



007953



9836A7



4C6C00

Square

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



9836A7



AA3F00



007510



0077BE

Rectangle

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



9836A7



C3004B



007510



007A7B

Sweetspot

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



9836A7



D3ADD9



3645A7



6A536E



EDEDED



6E6E6E

Same Dimension

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



9836A7



C129D9



A7367E



534C54



800094



120014

Inverse Universe

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



A73645



D92940



36A75F



544C4D



940014



140003

Previews

White Background



This preview shows how the Hex color 9836A7 looks on a white background.

Color Contrast Check

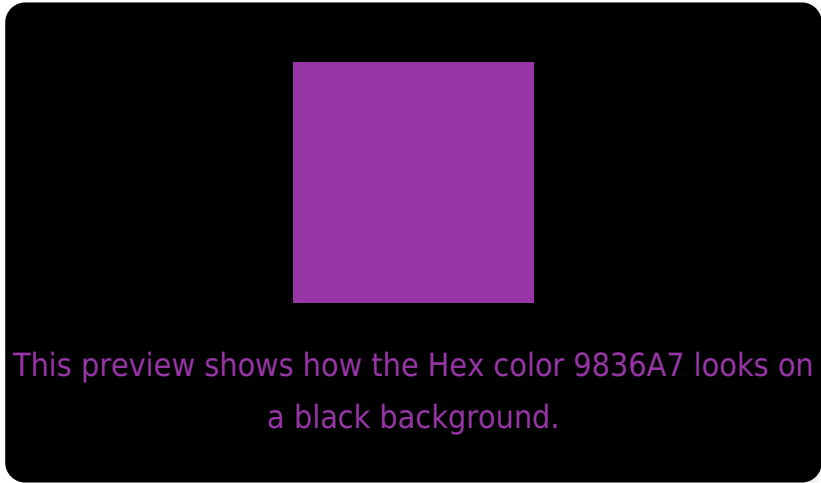
Large Text (above 18pt) WCAG AA ✓ Pass

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

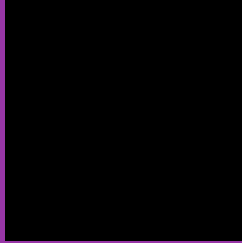
Any Text WCAG AA × Fail

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 9836A7 Background



This preview shows how black text looks on a background with the Hex color 9836A7.

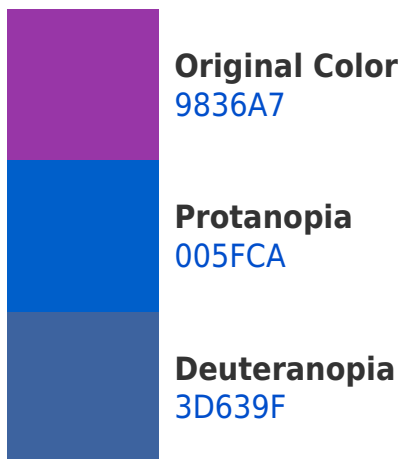


This preview shows how white text looks on a background with the Hex color 9836A7.

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](#).

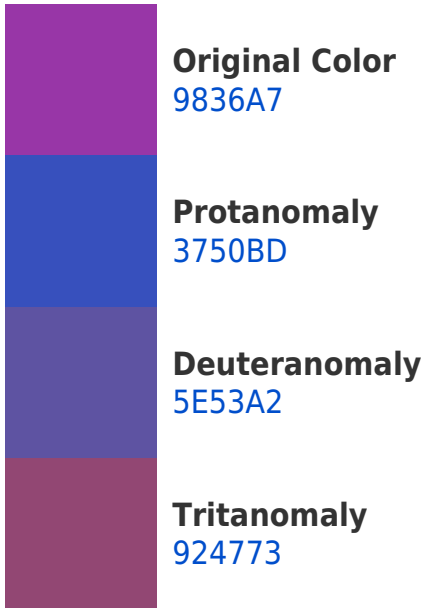
Dichromacy



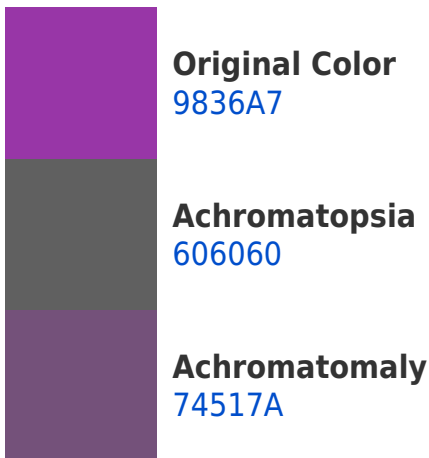


Tritanopia
8E5056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9836A7 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 #9836A7 looks like.

```
.text, #text, p{  
    color:#9836A7  
}
```

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 #9836A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9836A7
}
```

Border

The CSS property to change the border of an element to Hex 9836A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

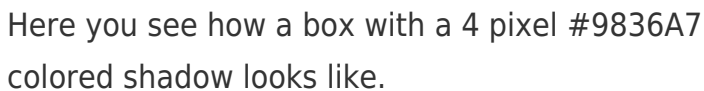
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9836A7 }
```

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

```
.border{ border-color:#9836A7 }
```

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



Here you see how a box with a 4 pixel #9836A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9836A7; -webkit-box-shadow:4px 4px  
4px 4px #9836A7; box-shadow:4px 4px 4px  
4px #9836A7 }
```

Background

The CSS property to change the background color of an element to Hex 9836A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9836A7 }
```

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

```
.background{ background-color:#9836A7 }
```

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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