

# Converting Colors

Hex(9A4497)

Have a look what the booklet for  
Hex(9A4497) contains.

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# Color

**Hex(9A4497)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4497
RGB	154, 68, 151
RGB Percent	60%, 27%, 59%
CMY	0.3961, 0.7333, 0.4078
CMYK	0.00, 0.56, 0.02, 0.40
HSL	302°, 39%, 44%
HSV	302°, 56%, 60%
XYZ	20.9795, 13.2386, 30.7277
YIQ	103.1760, 24.6130, 44.0450

# Conversions

## Conversions Part 2

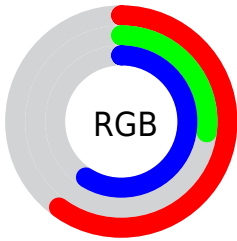
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 68, 151</a>
Decimal	<a href="#">10110103</a>
CIELab	<a href="#">43.12, 47.34, -29.25</a>
CIELCh	<a href="#">43, 55.651, 328.287</a>
Yxy	<a href="#">13.2386, 0.3230, 0.2038</a>
Android (android.graphics.Color)	<a href="#">4288300183 (0xFF9A4497)</a>
YUV	<a href="#">103.1760, 23.5772, 44.5726</a>
Hunter-Lab	<a href="#">36.3849, 39.2490, -24.6020</a>

# Details

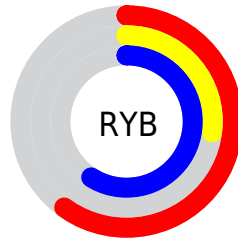
The Hex color **9A4497** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **449A47**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D278CE**, and **640964** is the 20% darker color. If you saturate the color by 10%, you get **9A3596**, and if you desaturate by 10%, it is **9A5398**.

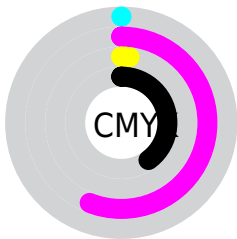
# Distribution



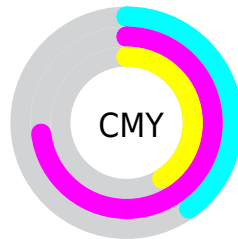
- Red (60%)
- Green (27%)
- Blue (59%)



- Red (60%)
- Yellow (27%)
- Blue (59%)



- Cyan (0%)
- Magenta (56%)
- Yellow (2%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A4497 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 9A4497 by changing the saturation by 10% instead.



9A4497

9A4497

FFFFFF

7F2A7D

D278CE

640964

EF93EA

4A004B

FFAFFF

320034

FFCBFF

16001E

FFE8FF

000000

9A4497

9A4497

9A3596

9A5398

9A2596

9A6398

 9A1695

 9A7299

 9A0695

 9A8299

 9A0095

 9A919A

 9AA09A

 9AB09B

 9ABF9B

 9ACF9C

# Harmonies

## Analogous

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



5E5BB8



9A4497



B4346B

# Triad

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



9A4497



7D6300



007A90

# Complementary

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



9A4497



449A47

# 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.



007A62



9A4497



507000

# Square

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



9A4497



A05012



007732



0076B4

# Rectangle

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



9A4497



B7364C



007732



007B81



# Sweetspot

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



9A4497



C9A7C8



47449A



665265



E6E6E6



666666



# Same Dimension

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



9A4497



C942C5



9A446C



4D454C



8C0087



0D000C



# Inverse Universe

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



9A4497



C942C5



449A72



4D454C



8C0087

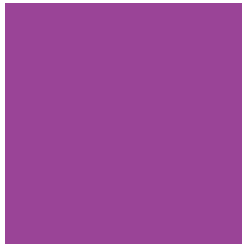


0D000C



# Previews

## White Background



This preview shows how the Hex color 9A4497 looks on a white background.

## Color Contrast Check

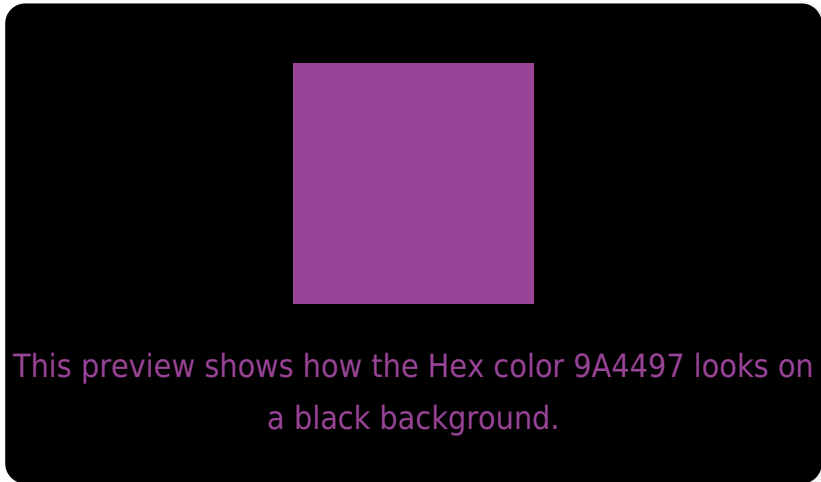
Large Text (above 18pt) WCAG AA ✓ Pass

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

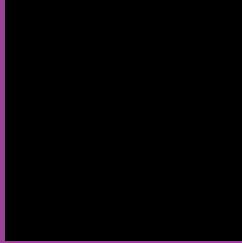
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A4497 Background



This preview shows how black text looks on a background with the Hex color 9A4497.

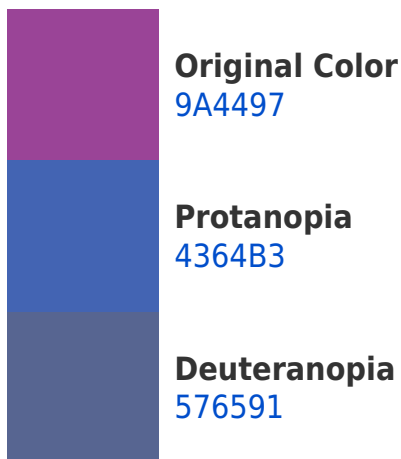



This preview shows how white text looks on a background with the Hex color 9A4497.

# 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**  
93545A

# Trichromacy



**Original Color**  
9A4497



**Protanomaly**  
6358A9



**Deuteranomaly**  
6F5993

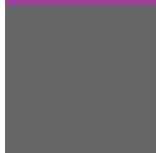


**Tritanomaly**  
964E70

# Monochromacy



**Original Color**  
9A4497



**Achromatopsia**  
676767



**Achromatomaly**  
7A5A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A4497 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 #9A4497 looks like.

```
.text, #text, p{  
    color:#9A4497  
}
```

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 #9A4497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4497
}
```

## Border

The CSS property to change the border of an element to Hex 9A4497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

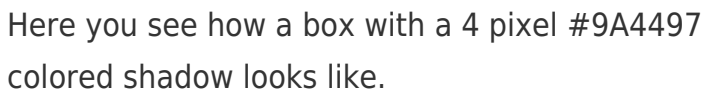
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A4497 }
```

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

```
.border{ border-color:#9A4497 }
```

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



Here you see how a box with a 4 pixel #9A4497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4497; -webkit-box-shadow:4px 4px  
4px 4px #9A4497; box-shadow:4px 4px 4px  
4px #9A4497 }
```

# Background

The CSS property to change the background color of an element to Hex 9A4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4497 }
```

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

```
.background{ background-color:#9A4497 }
```

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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