

# Converting Colors

Hex(9A4976)

Have a look what the booklet for  
Hex(9A4976) contains.

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# Color

**Hex(9A4976)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4976
RGB	154, 73, 118
RGB Percent	60%, 29%, 46%
CMY	0.3961, 0.7137, 0.5373
CMYK	0.00, 0.53, 0.23, 0.40
HSL	327°, 36%, 45%
HSV	327°, 53%, 60%
XYZ	18.9790, 12.9431, 18.6375
YIQ	102.3490, 33.8310, 31.1670

# Conversions

## Conversions Part 2

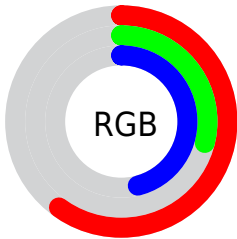
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 73, 118
Decimal	10111350
CIE <sub>Lab</sub>	42.68, 39.33, -9.88
CIE <sub>LCh</sub>	43, 40.548, 345.899
Yxy	12.9431, 0.3754, 0.2560
Android (android.graphics.Color)	4288301430 (0xFF9A4976)
YUV	102.3490, 7.7159, 45.2979
Hunter-Lab	35.9765, 31.2065, -5.5314

# Details

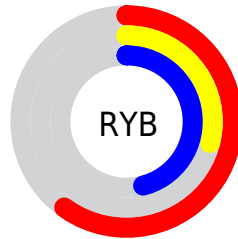
The Hex color **9A4976** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **499A6D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **D27DAA**, and **641546** is the 20% darker color. If you saturate the color by 10%, you get **9A3A6F**, and if you desaturate by 10%, it is **9A587D**.

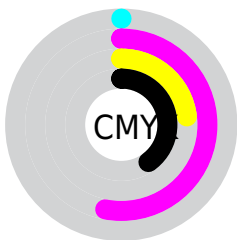
# Distribution



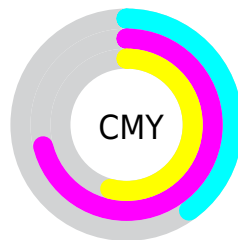
- Red (60%)
- Green (29%)
- Blue (46%)



- Red (60%)
- Yellow (29%)
- Blue (46%)



- Cyan (0%)
- Magenta (53%)
- Yellow (23%)
- Black (40%)



- Cyan (40%)
- Magenta (71%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A4976 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 9A4976 by changing the saturation by 10% instead.





9A4976



9A4976

FFFFFF



7F305D



D27DAA



641546



EF97C5



4A002F



FFB3E1



33001B



FFCFFE



120000



FFE8FF



000000



9A4976



9A4976



9A3A6F



9A587D



9A2A68



9A6884

 9A1B61

 9A778B

 9A0B5B

 9A8791

 9A0056

 9A9698

 9AA59F

 9AB5A6

 9AC4AD

 9AD4B4

# Harmonies

## Analogous

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



7E5494



9A4976



A34754

# Triad

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



9A4976



666920



007394

# Complementary

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



9A4976



499A6D

# 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.



007576



9A4976



407034

# Square

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



9A4976



845D21



007453



006DA5

# Rectangle

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



9A4976



9F4D3F



007453



00748B



# Sweetspot

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



9A4976



C9A9BB



6C499A



66535D



E6E6E6



666666



# Same Dimension

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



9A4976



C94B91



9A494E



4D4549



8C004E



0D0007



# Inverse Universe

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



9A4976



C94B91



499A95



4D4549



8C004E

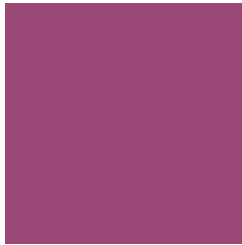


0D0007



# Previews

## White Background



This preview shows how the Hex color 9A4976 looks on a white background.

## Color Contrast Check

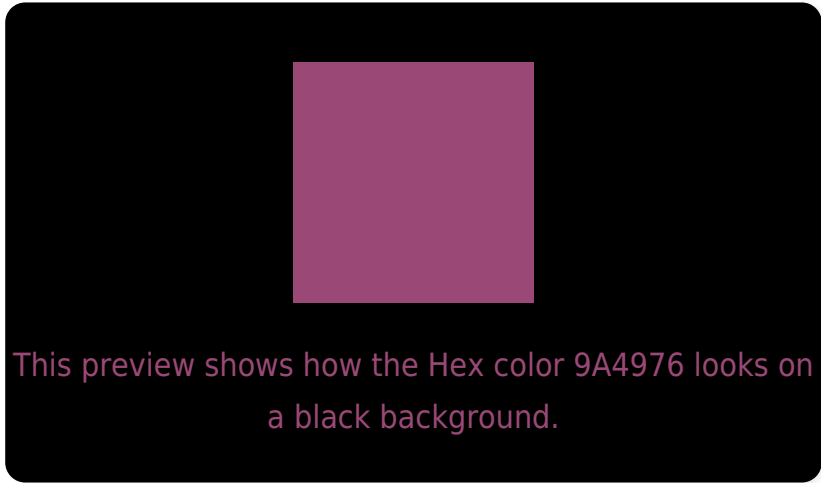
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A4976 Background



This preview shows how black text looks on a background with the Hex color 9A4976.



This preview shows how white text looks on a background with the Hex color 9A4976.

# 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**  
975056

# Trichromacy



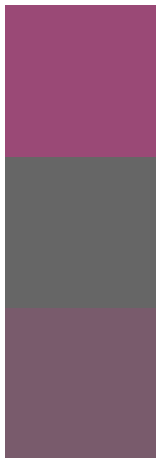
**Original Color**  
9A4976

**Protanomaly**  
725A82

**Deuteranomaly**  
7B5A73

**Tritanomaly**  
984D62

# Monochromacy



**Original Color**  
9A4976

**Achromatopsia**  
666666

**Achromatomaly**  
795B6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A4976 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 #9A4976 looks like.

```
.text, #text, p{  
    color:#9A4976  
}
```

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 #9A4976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4976
}
```

## Border

The CSS property to change the border of an element to Hex 9A4976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

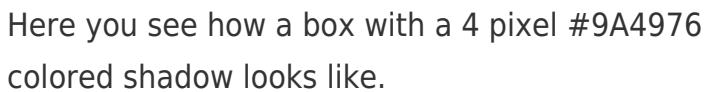
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A4976 }
```

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

```
.border{ border-color:#9A4976 }
```

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



Here you see how a box with a 4 pixel #9A4976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4976; -webkit-box-shadow:4px 4px  
4px 4px #9A4976; box-shadow:4px 4px 4px  
4px #9A4976 }
```

# Background

The CSS property to change the background color of an element to Hex 9A4976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4976 }
```

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

```
.background{ background-color:#9A4976 }
```

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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