

# Converting Colors

Hex(7A4978)

Have a look what the booklet for  
Hex(7A4978) contains.

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**Color**

**Hex(7A4978)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4978
RGB	122, 73, 120
RGB Percent	48%, 29%, 47%
CMY	0.5216, 0.7137, 0.5294
CMYK	0.00, 0.40, 0.02, 0.52
HSL	302°, 25%, 38%
HSV	302°, 40%, 48%
XYZ	13.7987, 10.2587, 19.0222
YIQ	93.0090, 14.1170, 25.0050

# Conversions

## Conversions Part 2

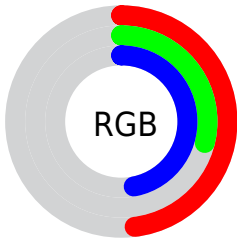
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 73, 120
Decimal	8014200
CIE <sub>Lab</sub>	38.30, 28.72, -18.18
CIE <sub>LCh</sub>	38, 33.993, 327.669
Yxy	10.2587, 0.3203, 0.2381
Android (android.graphics.Color)	4286204280 (0xFF7A4978)
YUV	93.0090, 13.3066, 25.4251
Hunter-Lab	32.0292, 20.8497, -12.7918

# Details

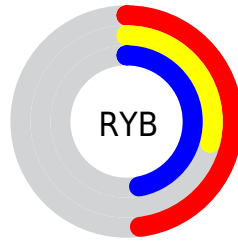
The Hex color **7A4978** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **497A4B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AF7BAC**, and **481A47** is the 20% darker color. If you saturate the color by 10%, you get **7A3D78**, and if you desaturate by 10%, it is **7A5578**.

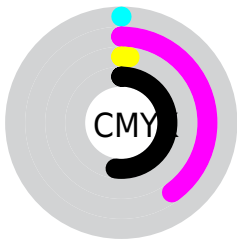
# Distribution



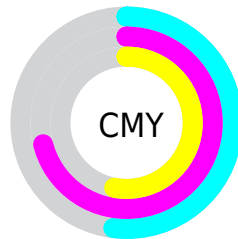
- Red (48%)
- Green (29%)
- Blue (47%)



- Red (48%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (40%)
- Yellow (2%)
- Black (52%)



- Cyan (52%)
- Magenta (71%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4978 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 7A4978 by changing the saturation by 10% instead.





7A4978



7A4978

FFFFFF



60315F



AF7BAC



481A47



CB95C8



300331



E8B0E4



1C001C



FFCCFF



000000



FFE8FF



7A4978



7A4978



7A3D78



7A5578



7A3177



7A6179

 7A2477

 7A6E79

 7A1876

 7A7A7A

 7A0C76

 7A867A

 7A0075

 7A927B

 7A9E7B

 7AAB7C

 7AB77C

# Harmonies

## Analogous

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



58548B



7A4978



8B435D

# Triad

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



7A4978



6C5821



006873

# Complementary

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



7A4978



497A4B

# 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.



006857



7A4978



506027

# Square

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



7A4978



814E2C



2D653C



006488

# Rectangle

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



7A4978



8E434B



2D653C



00686A



# Sweetspot

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



7A4978



9E8B9D



4B497A



4F444F



CFCFCF



4F4F4F



# Same Dimension

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



7A4978



9E529B



7A4960



3D373D



7D0078



FC00F2



# Inverse Universe

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



7A4978



9E529B



497A63



3D373D



7D0078

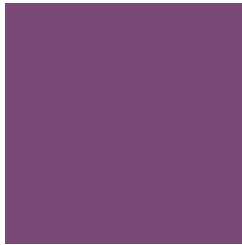


FC00F2



# Previews

## White Background



This preview shows how the Hex color 7A4978 looks on a white background.

## Color Contrast Check

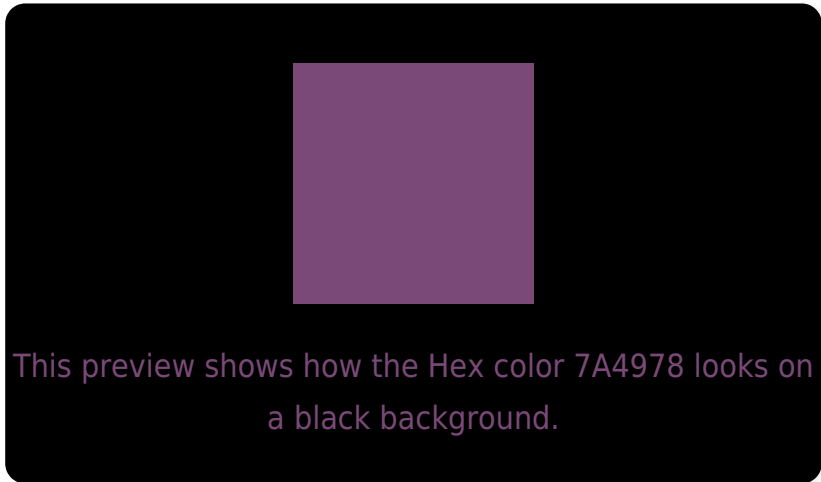
Large Text (above 18pt) WCAG AA ✓ Pass

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

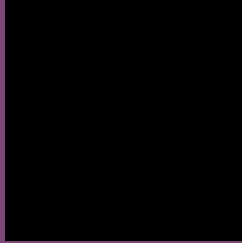
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4978 Background



This preview shows how black text looks on a background with the Hex color 7A4978.



This preview shows how white text looks on a background with the Hex color 7A4978.

# 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**  
765056

# Trichromacy



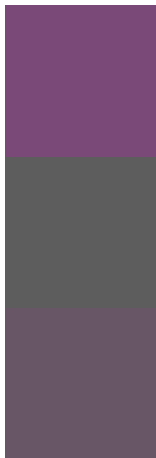
**Original Color**  
7A4978

**Protanomaly**  
5D5380

**Deuteranomaly**  
625376

**Tritanomaly**  
774D62

# Monochromacy



**Original Color**  
7A4978

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
685667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4978 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 #7A4978 looks like.

```
.text, #text, p{  
    color:#7A4978  
}
```

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 #7A4978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4978
}
```

## Border

The CSS property to change the border of an element to Hex 7A4978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

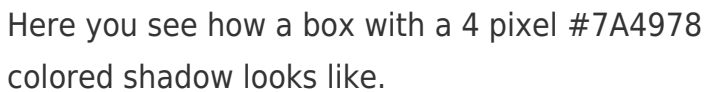
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4978 }
```

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

```
.border{ border-color:#7A4978 }
```

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



Here you see how a box with a 4 pixel #7A4978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4978; -webkit-box-shadow:4px 4px  
4px 4px #7A4978; box-shadow:4px 4px 4px  
4px #7A4978 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4978 }
```

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

```
.background{ background-color:#7A4978 }
```

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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