

# Converting Colors

Hex(7A4578)

Have a look what the booklet for  
Hex(7A4578) contains.

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# Color

**Hex(7A4578)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A4578
RGB	122, 69, 120
RGB Percent	48%, 27%, 47%
CMY	0.5216, 0.7294, 0.5294
CMYK	0.00, 0.43, 0.02, 0.52
HSL	302°, 28%, 37%
HSV	302°, 43%, 48%
XYZ	13.5443, 9.7499, 18.9374
YIQ	90.6610, 15.2170, 27.0970

# Conversions

## Conversions Part 2

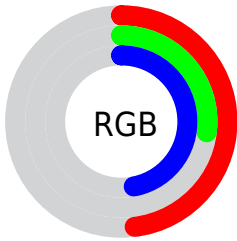
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 69, 120
Decimal	8013176
CIE Lab	37.39, 31.03, -19.59
CIE LCh	37, 36.698, 327.741
Yxy	9.7499, 0.3207, 0.2309
Android (android.graphics.Color)	4286203256 (0xFF7A4578)
YUV	90.6610, 14.4641, 27.4843
Hunter-Lab	31.2248, 22.7842, -14.1011

# Details

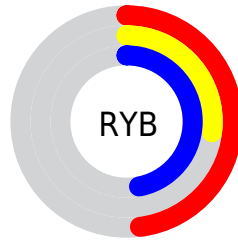
The Hex color **7A4578** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **457A47**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B077AC**, and **481647** is the 20% darker color. If you saturate the color by 10%, you get **7A3978**, and if you desaturate by 10%, it is **7A5178**.

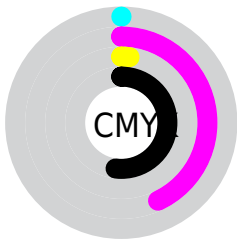
# Distribution



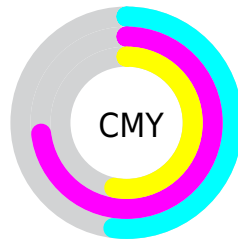
- Red (48%)
- Green (27%)
- Blue (47%)



- Red (48%)
- Yellow (27%)
- Blue (47%)



- Cyan (0%)
- Magenta (43%)
- Yellow (2%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4578 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 7A4578 by changing the saturation by 10% instead.



7A4578

7A4578

FFFFFF

602D5F

B077AC

481647

CB91C8

300031

E8ACE4

1A001C

FFC7FF

000000

FFE4FF

7A4578

7A4578

7A3978

7A5178

7A2D77

7A5D79

 7A2077

 7A6A79

 7A1476

 7A767A

 7A0876

 7A827A

 7A0075

 7A8E7B

 7A9A7B

 7AA77C

 7AB37C

# Harmonies

## Analogous

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



55518D



7A4578



8C3E5B

# Triad

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



7A4578



6A5619



006673

# Complementary

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



7A4578



457A47

# 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.



006655



7A4578



4D5E20

# Square

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



7A4578



814B26



256437



00638A

# Rectangle

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



7A4578



8F3E48



256437



006769



# Sweetspot

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



7A4578



9E8A9D



47457A



4F424F



CFCFCF



4F4F4F



# Same Dimension

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



7A4578



9E4C9B



7A455E



3D373D



7D0078



FC00F3



# Inverse Universe

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



7A4578



9E4C9B



457A61



3D373D



7D0078

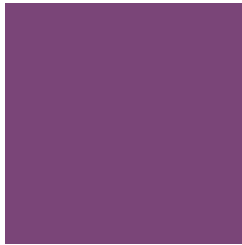


FC00F3



# Previews

## White Background



This preview shows how the Hex color 7A4578 looks on a white background.

## Color Contrast Check

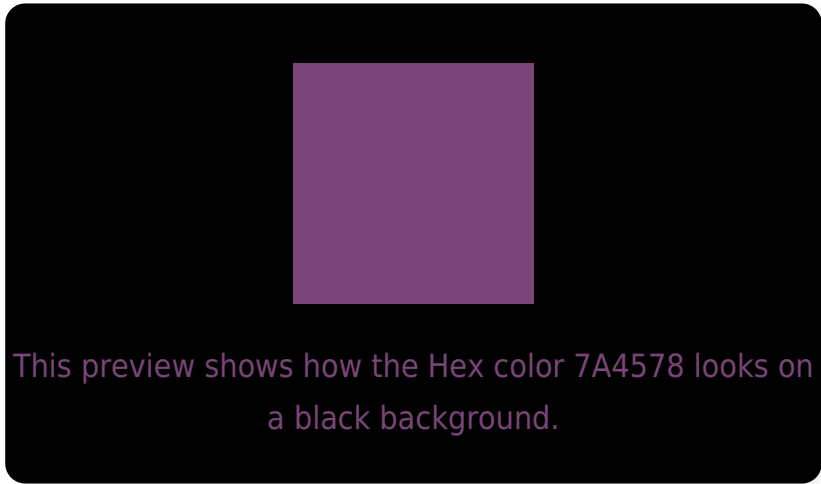
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

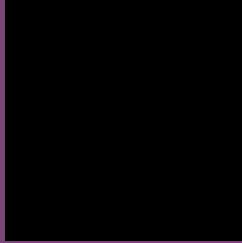
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4578 Background



This preview shows how black text looks on a background with the Hex color 7A4578.



This preview shows how white text looks on a background with the Hex color 7A4578.

# 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**  
754D53

# Trichromacy



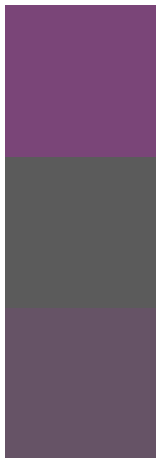
**Original Color**  
7A4578

**Protanomaly**  
5A5081

**Deuteranomaly**  
615076

**Tritanomaly**  
774A60

# Monochromacy



**Original Color**  
7A4578

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
665366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4578 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 #7A4578 looks like.

```
.text, #text, p{  
    color:#7A4578  
}
```

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 #7A4578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4578  
}
```

## Border

The CSS property to change the border of an element to Hex 7A4578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

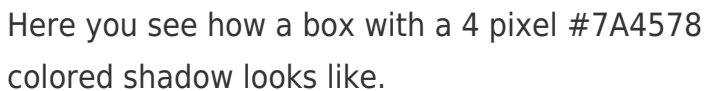
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7A4578 }
```

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

```
.border{ border-color:#7A4578 }
```

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



Here you see how a box with a 4 pixel #7A4578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4578; -webkit-box-shadow:4px 4px  
4px 4px #7A4578; box-shadow:4px 4px 4px  
4px #7A4578 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4578 }
```

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

```
.background{ background-color:#7A4578 }
```

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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