

# Converting Colors

Hex(7A4568)

Have a look what the booklet for  
Hex(7A4568) contains.

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# Color

**Hex(7A4568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4568
RGB	122, 69, 104
RGB Percent	48%, 27%, 41%
CMY	0.5216, 0.7294, 0.5922
CMYK	0.00, 0.43, 0.15, 0.52
HSL	320°, 28%, 37%
HSV	320°, 43%, 48%
XYZ	12.6529, 9.3933, 14.2429
YIQ	88.8370, 20.3530, 22.1210

# Conversions

## Conversions Part 2

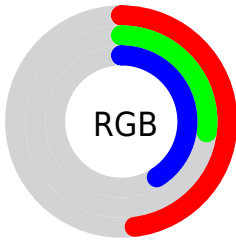
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 69, 104
Decimal	8013160
CIE <sub>Lab</sub>	36.73, 28.01, -10.61
CIE <sub>LCh</sub>	37, 29.956, 339.255
Yxy	9.3933, 0.3487, 0.2588
Android (android.graphics.Color)	4286203240 (0xFF7A4568)
YUV	88.8370, 7.4754, 29.0840
Hunter-Lab	30.6485, 20.0567, -6.0992

# Details

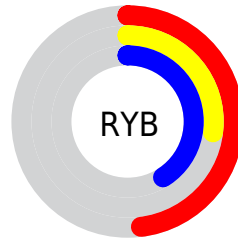
The Hex color **7A4568** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **457A57**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B0779B**, and **481639** is the 20% darker color. If you saturate the color by 10%, you get **7A3964**, and if you desaturate by 10%, it is **7A516C**.

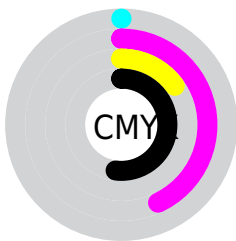
# Distribution



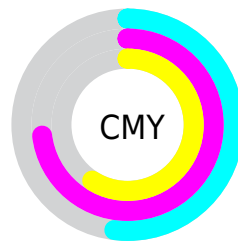
- Red (48%)
- Green (27%)
- Blue (41%)



- Red (48%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (15%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4568 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 7A4568 by changing the saturation by 10% instead.



 7A4568

 7A4568

FFFFFF

 602D50

 B0779B

 481639

 CB91B6

 300023

 E8ABD2

 18000D

 FFC7EE

 000000

 FFE3FF

 7A4568

 7A4568

 7A3964

 7A516C

 7A2D60

 7A5D70

 7A205C

 7A6A74

 7A1457

 7A7679

 7A0853

 7A827D

 7A0051

 7A8E81

 7A9A85

 7AA789

 7AB38D

# Harmonies

## Analogous

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



624D7C



7A4568



844250

# Triad

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



7A4568



5E5725



006274

# Complementary

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



7A4568



457A57

# 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.



00635D



7A4568



445E30

# Square

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



7A4568



734F29



216145



005E83

# Rectangle

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



7A4568



834540



216145



00626D



# Sweetspot

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



7A4568



9E8A97



57457A



4F424B



CFCFCF



4F4F4F



# Same Dimension

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



7A4568



9E4C82



7A454E



3D373B



7D0053



FC00A7



# Inverse Universe

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



7A4568



9E4C82



457A71



3D373B



7D0053

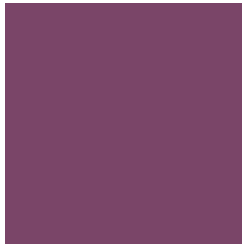


FC00A7



# Previews

## White Background



This preview shows how the Hex color 7A4568 looks on a white background.

## Color Contrast Check

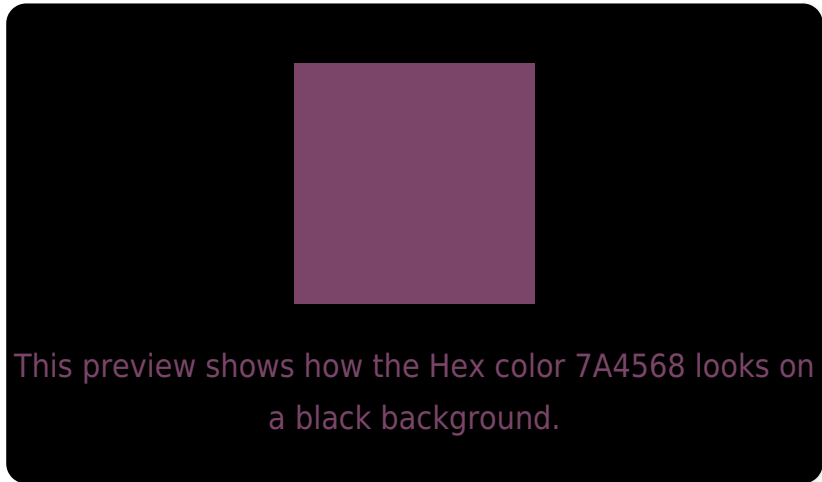
Large Text (above 18pt) WCAG AA ✓ Pass

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

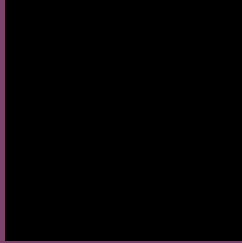
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4568 Background



This preview shows how black text looks on a background with the Hex color 7A4568.



This preview shows how white text looks on a background with the Hex color 7A4568.

# 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**  
774A4F

# Trichromacy



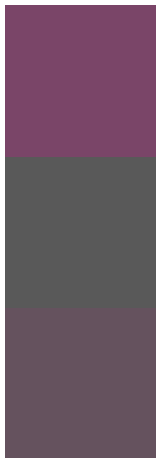
**Original Color**  
7A4568

**Protanomaly**  
5E5070

**Deuteranomaly**  
644F66

**Tritanomaly**  
784858

# Monochromacy



**Original Color**  
7A4568

**Achromatopsia**  
595959

**Achromatomaly**  
65525E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4568 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 #7A4568 looks like.

```
.text, #text, p{  
    color:#7A4568  
}
```

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 #7A4568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4568
}
```

## Border

The CSS property to change the border of an element to Hex 7A4568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

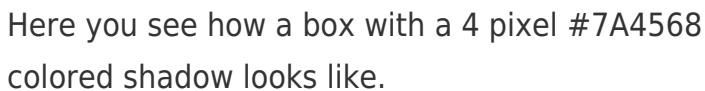
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4568 }
```

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

```
.border{ border-color:#7A4568 }
```

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



Here you see how a box with a 4 pixel #7A4568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4568; -webkit-box-shadow:4px 4px  
4px 4px #7A4568; box-shadow:4px 4px 4px  
4px #7A4568 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4568 }
```

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

```
.background{ background-color:#7A4568 }
```

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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