

# Converting Colors

Hex(7A476E)

Have a look what the booklet for  
Hex(7A476E) contains.

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# Color

**Hex(7A476E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A476E
RGB	122, 71, 110
RGB Percent	48%, 28%, 43%
CMY	0.5216, 0.7216, 0.5686
CMYK	0.00, 0.42, 0.10, 0.52
HSL	314°, 26%, 38%
HSV	314°, 42%, 48%
XYZ	13.0938, 9.7698, 15.9475
YIQ	90.6950, 17.8770, 22.9410

# Conversions

## Conversions Part 2

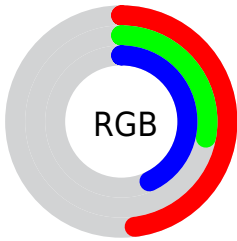
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 71, 110
Decimal	8013678
CIE Lab	37.43, 27.95, -13.31
CIE LCh	37, 30.956, 334.534
Yxy	9.7698, 0.3374, 0.2517
Android (android.graphics.Color)	4286203758 (0xFF7A476E)
YUV	90.6950, 9.5174, 27.4545
Hunter-Lab	31.2567, 20.0761, -8.3706

# Details

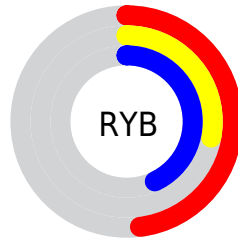
The Hex color **7A476E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **477A53**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AF79A2**, and **48183E** is the 20% darker color. If you saturate the color by 10%, you get **7A3B6B**, and if you desaturate by 10%, it is **7A5371**.

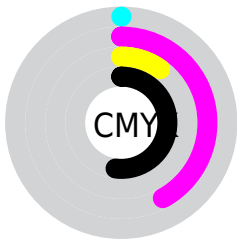
# Distribution



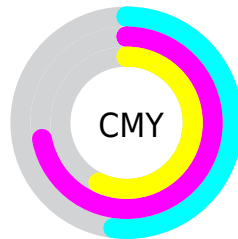
- Red (48%)
- Green (28%)
- Blue (43%)



- Red (48%)
- Yellow (28%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (10%)
- Black (52%)



- Cyan (52%)
- Magenta (72%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A476E 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 7A476E by changing the saturation by 10% instead.





7A476E



7A476E

FFFFFF



602F56



AF79A2



48183E



CB93BD



300228



E8AED8



1A0014



FFC9F5



000000



FFE6FF



7A476E



7A476E



7A3B6B



7A5371



7A2F68



7A5F74

■ 7A2265

■ 7A6C77

■ 7A1663

■ 7A7879

■ 7A0A60

■ 7A847C

■ 7A005D

■ 7A907F

■ 7A9C82

■ 7AA985

■ 7AB588

# Harmonies

## Analogous

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



5F5081



7A476E



864355

# Triad

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



7A476E



635825



006474

# Complementary

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



7A476E



477A53

# 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.



00655B



7A476E



495F2D

# Square

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



7A476E



784F2B



276342



006085

# Rectangle

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



7A476E



874545



276342



00656C



# Sweetspot

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



7A476E



9E8A99



53477A



4F424C



CFCFCF



4F4F4F



# Same Dimension

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



7A476E



9E4F8B



7A4755



3D373C



7D0060



FC00C1



# Inverse Universe

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



7A476E



9E4F8C



477A6C



3D373C



7D0060

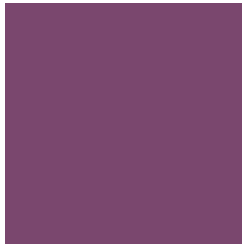


FC00C1



# Previews

## White Background



This preview shows how the Hex color 7A476E looks on a white background.

## Color Contrast Check

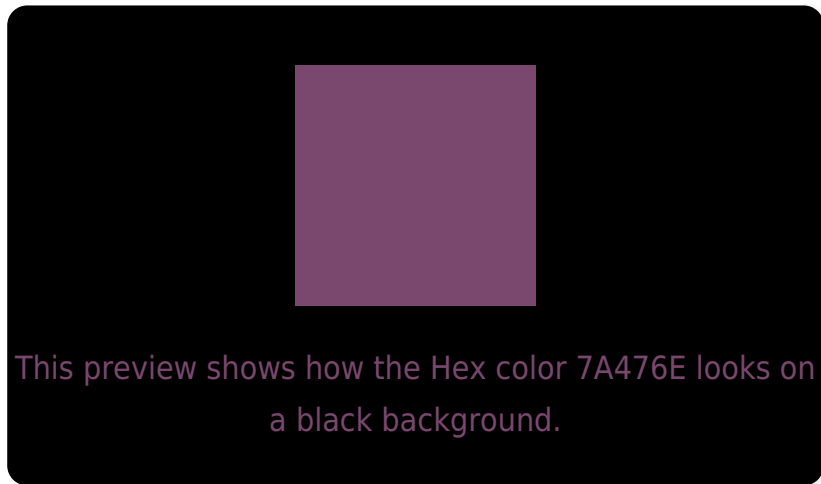
Large Text (above 18pt) WCAG AA ✓ Pass

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

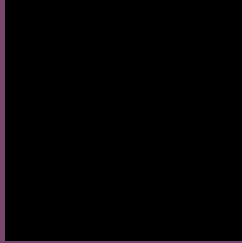
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A476E Background



This preview shows how black text looks on a background with the Hex color 7A476E.



This preview shows how white text looks on a background with the Hex color 7A476E.

# 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



**Original Color**  
7A476E

**Protanopia**  
4E577A

**Deuteranopia**  
58576B



**Tritanopia**  
774D52

# Trichromacy



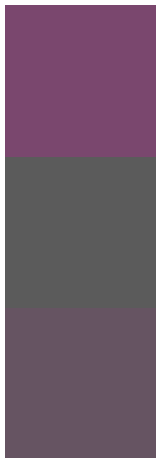
**Original Color**  
7A476E

**Protanomaly**  
5E5176

**Deuteranomaly**  
64516C

**Tritanomaly**  
784B5C

# Monochromacy



**Original Color**  
7A476E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
665462

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A476E 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 #7A476E looks like.

```
.text, #text, p{  
    color:#7A476E  
}
```

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 #7A476E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A476E
}
```

## Border

The CSS property to change the border of an element to Hex 7A476E is called "border". The border property can be set on classes, ids or directly on the HTML element.

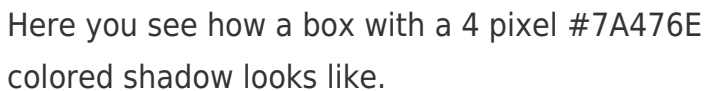
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A476E }
```

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

```
.border{ border-color:#7A476E }
```

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



Here you see how a box with a 4 pixel #7A476E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A476E; -webkit-box-shadow:4px 4px  
4px 4px #7A476E; box-shadow:4px 4px 4px  
4px #7A476E }
```

# Background

The CSS property to change the background color of an element to Hex 7A476E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A476E }
```

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

```
.background{ background-color:#7A476E }
```

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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