

# Converting Colors

Hex(7A646F)

Have a look what the booklet for  
Hex(7A646F) contains.

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# Color

**Hex(7A646F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A646F
RGB	122, 100, 111
RGB Percent	48%, 39%, 44%
CMY	0.5216, 0.6078, 0.5647
CMYK	0.00, 0.18, 0.09, 0.52
HSL	330°, 10%, 44%
HSV	330°, 18%, 48%
XYZ	15.4525, 14.3996, 17.0039
YIQ	107.8320, 9.5810, 8.0850

# Conversions

## Conversions Part 2

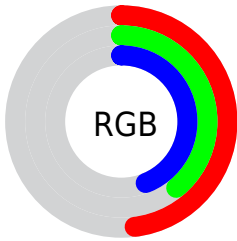
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 100, 111
Decimal	8021103
CIE Lab	44.80, 10.82, -2.87
CIE LCh	45, 11.195, 345.125
Yxy	14.3996, 0.3298, 0.3073
Android (android.graphics.Color)	4286211183 (0xFF7A646F)
YUV	107.8320, 1.5618, 12.4253
Hunter-Lab	37.9468, 6.2806, -0.0050

# Details

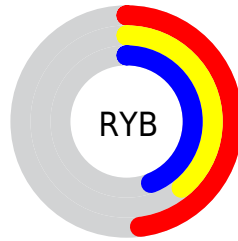
The Hex color **7A646F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **647A6F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AF97A3**, and **49353F** is the 20% darker color. If you saturate the color by 10%, you get **7A5869**, and if you desaturate by 10%, it is **7A7075**.

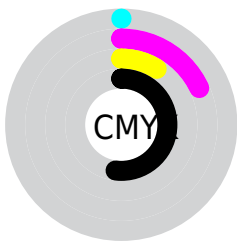
# Distribution



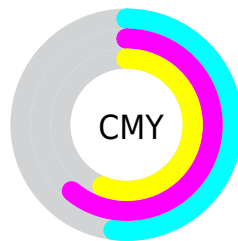
- Red (48%)
- Green (39%)
- Blue (44%)



- Red (48%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A646F 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 7A646F by changing the saturation by 10% instead.





7A646F



7A646F

FFFFFF



614C57



AF97A3



49353F



CAB2BE



32202A



E6CDD9



1E0915



FFE9F6



000000



7A646F



7A646F



7A5869



7A7075



7A4C63



7A7C7B



7A3F5D



7A8981

 7A3357

 7A9587

 7A2751

 7AA18E

 7A1B4A

 7AAD94

 7A0F44

 7AB99A

 7A023E

 7AC6A0

 7A003D

 7AD2A6

# Harmonies

## Analogous

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



716677



7A646F



7E6465

# Triad

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



7A646F



6C6B58



536E77

# Complementary

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



7A646F



647A6F

# 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.



526F6E



7A646F



626D5D

# Square

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



7A646F



766858



586F65



5A6C7C

# Rectangle

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



7A646F



7D6460



586F65



526F74



# Sweetspot

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



7A646F



9E969A



6F647A



4F4A4D



CFCFCF



4F4F4F



# Same Dimension

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



7A646F



9E7B8D



7A6464



3D373A



7D003E



FC007E



# Inverse Universe

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



7A646F



9E7B8D



647A7A



3D373A



7D003E



FC007E



# Previews

## White Background



This preview shows how the Hex color 7A646F looks on a white background.

## Color Contrast Check

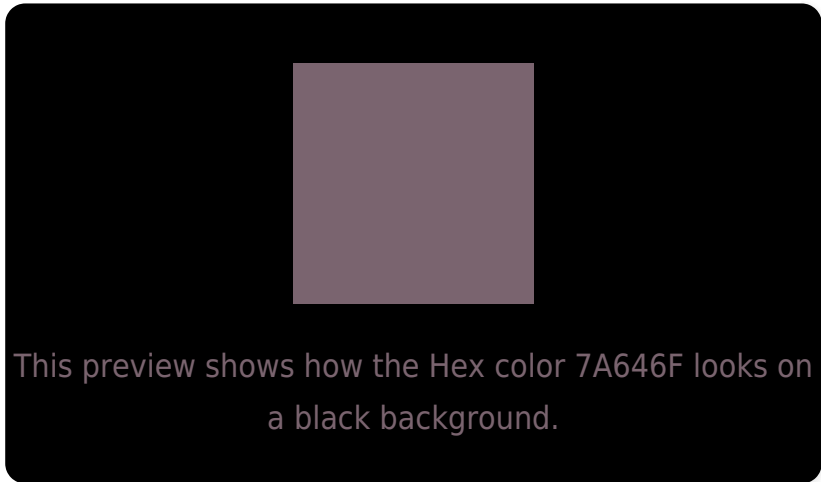
Large Text (above 18pt) WCAG AA ✓ Pass

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

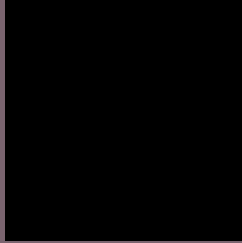
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A646F Background



This preview shows how black text looks on a background with the Hex color 7A646F.



This preview shows how white text looks on a background with the Hex color 7A646F.

# 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**  
7A646F

**Protanopia**  
6A6972

**Deuteranopia**  
72676E



**Tritanopia**  
7A646C

# Trichromacy



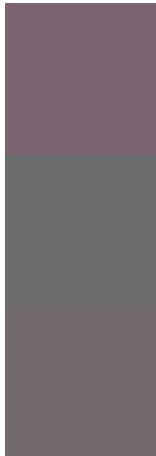
**Original Color**  
7A646F

**Protanomaly**  
706771

**Deuteranomaly**  
75666E

**Tritanomaly**  
7A646D

# Monochromacy



**Original Color**  
7A646F

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
71696D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A646F 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 #7A646F looks like.

```
.text, #text, p{  
    color:#7A646F  
}
```

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 #7A646F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A646F
}
```

## Border

The CSS property to change the border of an element to Hex 7A646F is called "border". The border property can be set on classes, ids or directly on the HTML element.

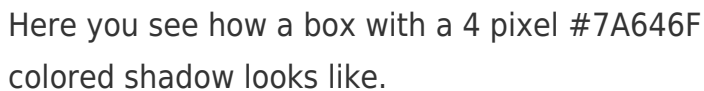
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A646F }
```

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

```
.border{ border-color:#7A646F }
```

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



Here you see how a box with a 4 pixel #7A646F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A646F; -webkit-box-shadow:4px 4px  
4px 4px #7A646F; box-shadow:4px 4px 4px  
4px #7A646F }
```

# Background

The CSS property to change the background color of an element to Hex 7A646F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A646F }
```

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

```
.background{ background-color:#7A646F }
```

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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