

Converting Colors

Hex(7A6F78)

Have a look what the booklet for
Hex(7A6F78) contains.

Hex(7A6F78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A6F78)

Conversions

Conversions Part 1

Format	Color
Hex	7A6F78
RGB	122, 111, 120
RGB Percent	48%, 44%, 47%
CMY	0.5216, 0.5647, 0.5294
CMYK	0.00, 0.09, 0.02, 0.52
HSL	311°, 5%, 46%
HSV	311°, 9%, 48%
XYZ	17.1006, 16.8625, 20.1228
YIQ	115.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

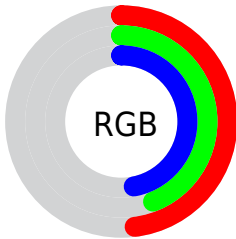
Format	Color
R_{YB}	122, 111, 120
Decimal	8023928
CIE Lab	48.09, 6.03, -3.43
CIE LCh	48, 6.939, 330.398
Yxy	16.8625, 0.3162, 0.3118
Android (android.graphics.Color)	4286214008 (0xFF7A6F78)
YUV	115.3150, 2.3097, 5.8627
Hunter-Lab	41.0640, 2.4723, -0.3094

Details

The Hex color **7A6F78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F7A71**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AEA3AC**, and **493F48** is the 20% darker color. If you saturate the color by 10%, you get **7A6376**, and if you desaturate by 10%, it is **7A7B7A**.

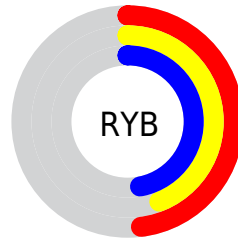
Distribution



Red (48%)

Green (44%)

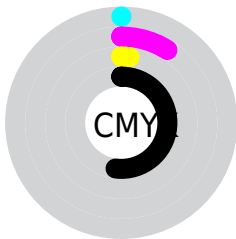
Blue (47%)



Red (48%)

Yellow (44%)

Blue (47%)

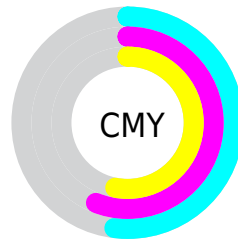


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A6F78 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 7A6F78 by changing the saturation by 10% instead.



7A6F78



7A6F78

FFFFFF



61575F



AEA3AC



493F48



CABEC8



332931



E6D9E4



1E151C



FFF6FF



000000



7A6F78



7A6F78



7A6376



7A7B7A



7A5774



7A877C



7A4A71



7A947F

7A3E6F

7AA081

7A326D

7AAC83

7A266B

7AB885

7A1A68

7AC488

7A0D66

7AD18A

7A0164

7ADD8C

Harmonies

Analogous

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



73717C



7A6F78



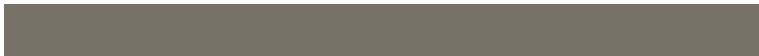
7E6E72

Triad

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



7A6F78



777267



647578

Complementary

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



7A6F78



6F7A71

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.



657672



7A6F78



707468

Square

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



7A6F78



7C7068



6A756C



66747C

Rectangle

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



7A6F78



7F6E6E



6A756C



647676

Sweetspot

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



7A6F78



9E999D



716F7A



4F4C4E



CFCFCF



4F4F4F

Same Dimension

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



7A6F78



9E8D9B



7A6F73



3D373C



7D0066



FC00CF

Inverse Universe

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



7A6F78



9E8D9B



6F7A76



3D373C



7D0066



FC00CF

Previews

White Background



This preview shows how the Hex color 7A6F78 looks on a white background.

Color Contrast Check

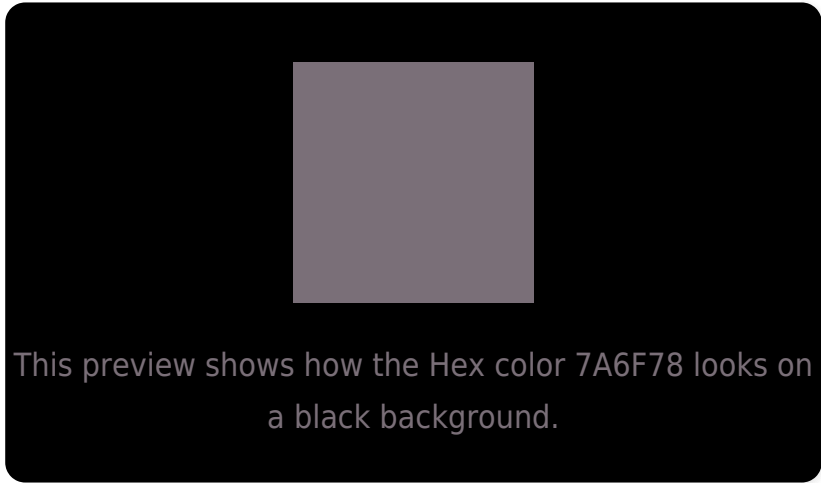
Large Text (above 18pt) WCAG AA ✓ Pass

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

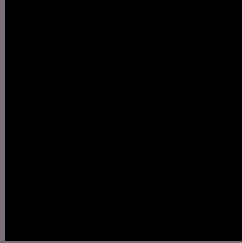
Any Text WCAG AA × Fail

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 7A6F78 Background



This preview shows how black text looks on a background with the Hex color 7A6F78.



This preview shows how white text looks on a background with the Hex color 7A6F78.

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
7A6F78

Protanopia
727179

Deuteranopia
7B6F78



Tritanopia
7A6F78

Trichromacy



Original Color

7A6F78

Protanomaly

757079

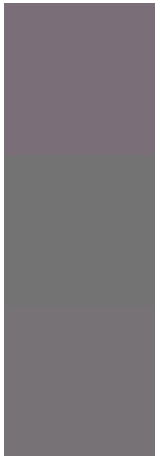
Deuteranomaly

7B6F78

Tritanomaly

7A6F78

Monochromacy



Original Color

7A6F78

Achromatopsia

737373

Achromatomaly

767275

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A6F78 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 #7A6F78 looks like.

```
.text, #text, p{  
    color:#7A6F78  
}
```

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 #7A6F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6F78  
}
```

Border

The CSS property to change the border of an element to Hex 7A6F78 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".

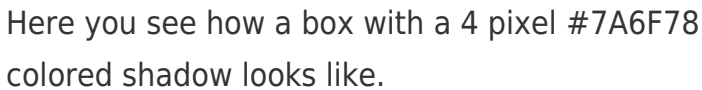
```
.border, #border, table{ border:4px solid  
#7A6F78 }
```

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

```
.border{ border-color:#7A6F78 }
```

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

Here you see how a box with a 4 pixel #7A6F78 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6F78; -webkit-box-shadow:4px 4px  
4px 4px #7A6F78; box-shadow:4px 4px 4px  
4px #7A6F78 }
```

Background

The CSS property to change the background color of an element to Hex 7A6F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6F78 }
```

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

```
.background{ background-color:#7A6F78 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor