

Converting Colors

Hex(7F6780)

Have a look what the booklet for
Hex(7F6780) contains.

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Color

Hex(7F6780)

Conversions

Conversions Part 1

Format	Color
Hex	7F6780
RGB	127, 103, 128
RGB Percent	50%, 40%, 50%
CMY	0.5020, 0.5961, 0.4980
CMYK	0.01, 0.20, 0.00, 0.50
HSL	298°, 11%, 45%
HSV	298°, 20%, 50%
XYZ	17.4989, 15.7710, 22.5439
YIQ	113.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

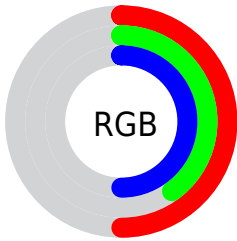
Format	Color
R_{YB}	127, 103, 128
Decimal	8349568
CIE _{Lab}	46.67, 14.30, -10.26
CIE _{LCh}	47, 17.603, 324.338
Yxy	15.7710, 0.3135, 0.2826
Android (android.graphics.Color)	4286539648 (0xFF7F6780)
YUV	113.0260, 7.3822, 12.2552
Hunter-Lab	39.7128, 9.1564, -5.8584

Details

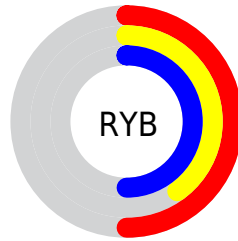
The Hex color **7F6780** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **688067**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B49AB5**, and **4E384F** is the 20% darker color. If you saturate the color by 10%, you get **7E5A80**, and if you desaturate by 10%, it is **807480**.

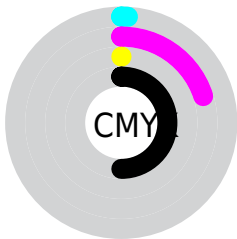
Distribution



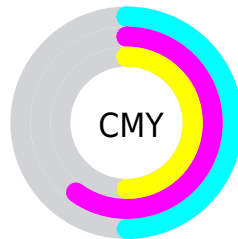
- Red (50%)
- Green (40%)
- Blue (50%)



- Red (50%)
- Yellow (40%)
- Blue (50%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F6780 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 7F6780 by changing the saturation by 10% instead.

7F6780

7F6780

FFFFFF

664F67

B49AB5

4E384F

D0B5D0

372238

ECD1ED

210D22

FFEDFF

00000B

000000

7F6780

7F6780

7E5A80

807480

7E4D80

808180

7D4180

818D80

7D3480

819A80

7C2780

82A780

7C1A80

82B480

7B0D80

83C180

7B0180

83CD80

7B0080

84DA80

Harmonies

Analogous

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



6D6C89



7F6780



8A6472

Triad

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



7F6780



7C6D51



44777A

Complementary

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



7F6780



688067

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.



4D776B



7F6780



6D7154

Square

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



7F6780



886857



5C755D



497586

Rectangle

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



7F6780



8D6468



5C755D



467775

Sweetspot

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



7F6780



A59CA6



676880



544E54



D4D4D4



545454

Same Dimension

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



7F6780



A480A6



806775



3F3940



7A0080



000000

Inverse Universe

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



806768



A68081



678072



40393A



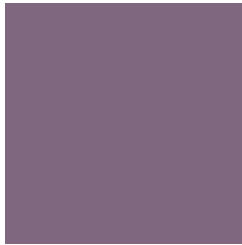
800005



000000

Previews

White Background



This preview shows how the Hex color 7F6780 looks on a white background.

Color Contrast Check

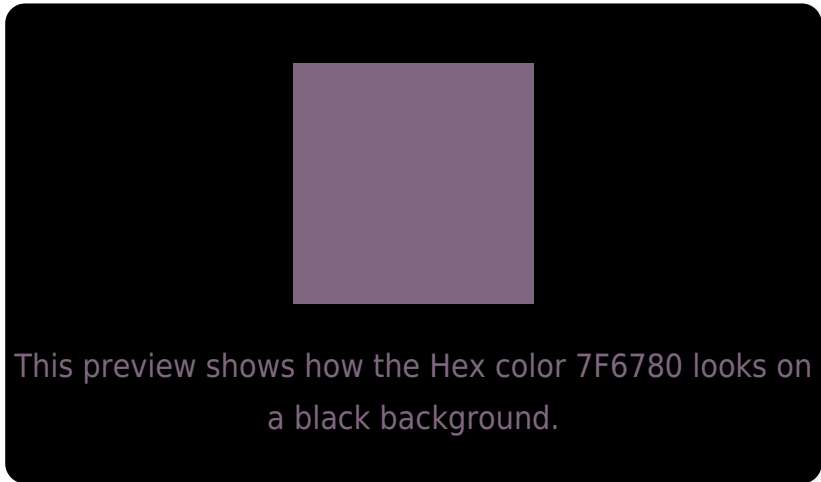
Large Text (above 18pt) WCAG AA ✓ Pass

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

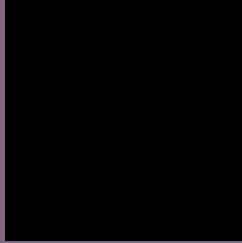
Any Text WCAG AA × Fail

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 7F6780 Background



This preview shows how black text looks on a background with the Hex color 7F6780.



This preview shows how white text looks on a background with the Hex color 7F6780.

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
7F6780

Protanopia
6A6E85

Deuteranopia
726C7F



Tritanopia
7D6A72

Trichromacy



Original Color
7F6780

Protanomaly
726B83

Deuteranomaly
776A7F

Tritanomaly
7E6977

Monochromacy



Original Color
7F6780

Achromatopsia
717171

Achromatomaly
766D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F6780 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 #7F6780 looks like.

```
.text, #text, p{  
    color:#7F6780  
}
```

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 #7F6780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6780
}
```

Border

The CSS property to change the border of an element to Hex 7F6780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

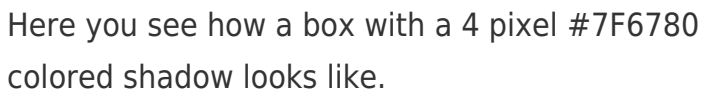
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F6780 }
```

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

```
.border{ border-color:#7F6780 }
```

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



Here you see how a box with a 4 pixel #7F6780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6780; -webkit-box-shadow:4px 4px  
4px 4px #7F6780; box-shadow:4px 4px 4px  
4px #7F6780 }
```

Background

The CSS property to change the background color of an element to Hex 7F6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6780 }
```

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

```
.background{ background-color:#7F6780 }
```

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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