

Converting Colors

Hex(7F6167)

Have a look what the booklet for
Hex(7F6167) contains.

Hex(7F6167)	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(7F6167)

Conversions

Conversions Part 1

Format	Color
Hex	7F6167
RGB	127, 97, 103
RGB Percent	50%, 38%, 40%
CMY	0.5020, 0.6196, 0.5961
CMYK	0.00, 0.24, 0.19, 0.50
HSL	348°, 13%, 44%
HSV	348°, 24%, 50%
XYZ	15.4753, 14.0407, 14.7265
YIQ	106.6540, 15.9540, 8.2260

Conversions

Conversions Part 2

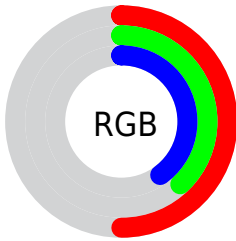
Format	Color
R _Y B	127, 97, 103
Decimal	8348007
CIE Lab	44.29, 13.15, 1.29
CIE LCh	44, 13.213, 5.596
Yxy	14.0407, 0.3498, 0.3174
Android (android.graphics.Color)	4286538087 (0xFF7F6167)
YUV	106.6540, -1.8014, 17.8434
Hunter-Lab	37.4709, 8.1454, 2.9281

Details

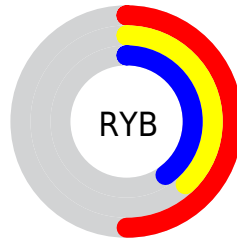
The Hex color **7F6167** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **617F79**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B4949A**, and **4D3238** is the 20% darker color. If you saturate the color by 10%, you get **7F545D**, and if you desaturate by 10%, it is **7F6E71**.

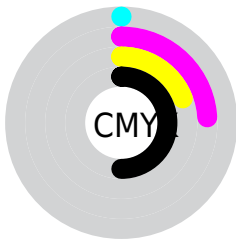
Distribution



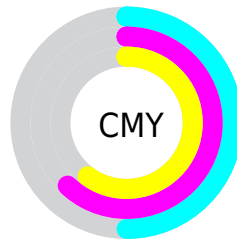
- Red (50%)
- Green (38%)
- Blue (40%)



- Red (50%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F6167 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 7F6167 by changing the saturation by 10% instead.

 7F6167

 7F6167

FFFFFF

 66494F

 B4949A

 4D3238

 D0AEB5

 361D23

 ECCAD0

 22050D

 FFE6ED

 000000

 7F6167

 7F6167

 7F545D

 7F6E71

 7F4853

 7F7A7B

 7F3B49

 7F8785

 7F2E3E

 7F9490

 7F2134

 7FA19A

 7F152A

 7FADA4

 7F0820

 7FBAAE

 7F0019

 7FC7B8

 7FD3C2

Harmonies

Analogous

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



796272



7F6167



7F625C

Triad

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



7F6167



636C57



526C7C

Complementary

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



7F6167



617F79

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.



4B6E75



7F6167



576E5F

Square

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



7F6167



6F6953



4D6F6A



5F697E

Rectangle

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



7F6167



7C6457



4D6F6A



4F6D7A

Sweetspot

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



7F6167



A69A9C



79617F



544D4F



D4D4D4



545454

Same Dimension

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



7F6167



A67781



7F6A61



40393B



80001A



000000

Inverse Universe

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



7F6167



A67781



61767F



40393B



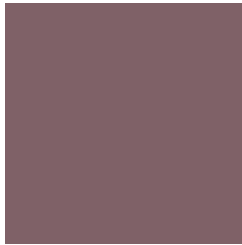
80001A



000000

Previews

White Background



This preview shows how the Hex color 7F6167 looks on a white background.

Color Contrast Check

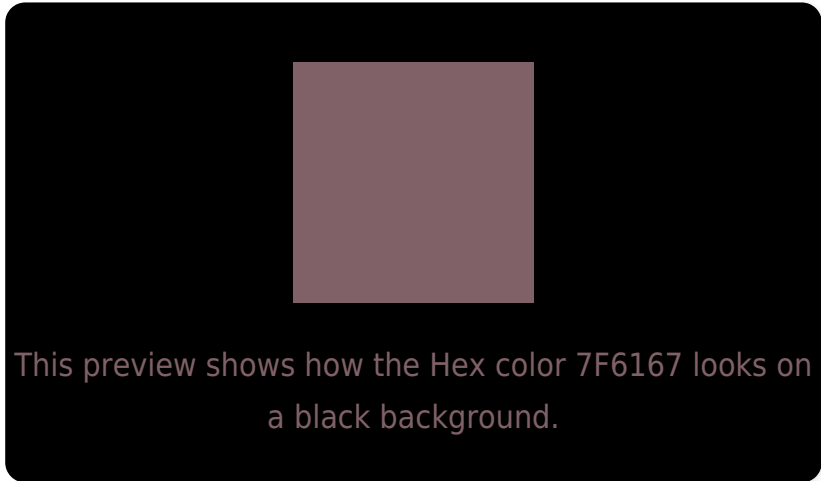
Large Text (above 18pt) WCAG AA ✓ Pass

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

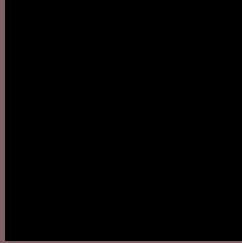
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

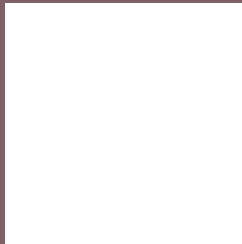
Any Text WCAG AAA × Fail

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

Hex 7F6167 Background



This preview shows how black text looks on a background with the Hex color 7F6167.



This preview shows how white text looks on a background with the Hex color 7F6167.

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
7F6167

Protanopia
6A686B

Deuteranopia
746566



Tritanopia
7F6168

Trichromacy



Original Color
7F6167

Protanomaly
72656A

Deuteranomaly
786466

Tritanomaly
7F6168

Monochromacy



Original Color
7F6167

Achromatopsia
6B6B6B

Achromatomaly
72676A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F6167 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 #7F6167 looks like.

```
.text, #text, p{  
    color:#7F6167  
}
```

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 #7F6167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6167
}
```

Border

The CSS property to change the border of an element to Hex 7F6167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

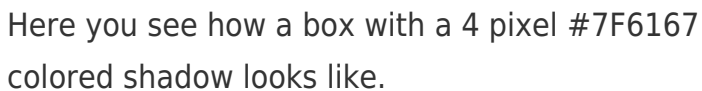
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F6167 }
```

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

```
.border{ border-color:#7F6167 }
```

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



Here you see how a box with a 4 pixel #7F6167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6167; -webkit-box-shadow:4px 4px  
4px 4px #7F6167; box-shadow:4px 4px 4px  
4px #7F6167 }
```

Background

The CSS property to change the background color of an element to Hex 7F6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6167 }
```

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

```
.background{ background-color:#7F6167 }
```

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