

# Converting Colors

Hex(7F6173)

Have a look what the booklet for  
Hex(7F6173) contains.

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# Color

**Hex(7F6173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F6173
RGB	127, 97, 115
RGB Percent	50%, 38%, 45%
CMY	0.5020, 0.6196, 0.5490
CMYK	0.00, 0.24, 0.09, 0.50
HSL	324°, 13%, 44%
HSV	324°, 24%, 50%
XYZ	16.1216, 14.2992, 18.1300
YIQ	108.0220, 12.1020, 11.9580

# Conversions

## Conversions Part 2

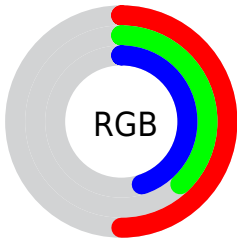
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 97, 115
Decimal	8348019
CIE <sub>Lab</sub>	44.66, 15.31, -5.44
CIE <sub>LCh</sub>	45, 16.253, 340.426
Yxy	14.2992, 0.3321, 0.2945
Android (android.graphics.Color)	4286538099 (0xFF7F6173)
YUV	108.0220, 3.4402, 16.6437
Hunter-Lab	37.8143, 9.9259, -1.9564

# Details

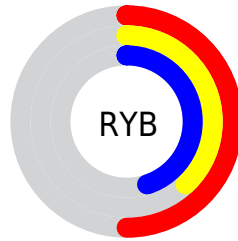
The Hex color **7F6173** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **617F6D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B494A7**, and **4D3243** is the 20% darker color. If you saturate the color by 10%, you get **7F546E**, and if you desaturate by 10%, it is **7F6E78**.

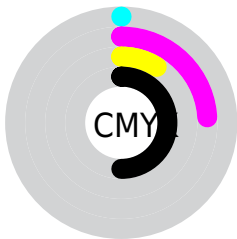
# Distribution



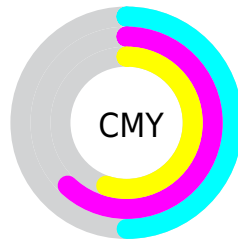
- Red (50%)
- Green (38%)
- Blue (45%)



- Red (50%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F6173 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 7F6173 by changing the saturation by 10% instead.



7F6173

7F6173

FFFFFF

66495A

B494A7

4D3243

D0AFC2

361D2D

ECCADE

210618

FFE6FB

000000

7F6173

7F6173

7F546E

7F6E78

7F4869

7F7A7D

7F3B64

7F8782

 7F2E5F

 7F9487

 7F215A

 7FA18C

 7F1555

 7FAD91

 7F084F

 7FBA97

 7F004C

 7FC79C

 7FD3A1

# Harmonies

## Analogous

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



72657E



7F6173



856065

# Triad

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



7F6173



6F6A4F



44707B

# Complementary

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



7F6173



617F6D

# 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.



45716E



7F6173



606E55

# Square

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



7F6173



7C6650



517160



4E6D83

# Rectangle

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



7F6173



85615D



517160



437177



# Sweetspot

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



7F6173



A69AA1



6D617F



544D51



D4D4D4



545454



# Same Dimension

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



7F6173



A67793



7F6164



40393D



80004C



000000



# Inverse Universe

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



7F6173



A67793



617F7C



40393D



80004D

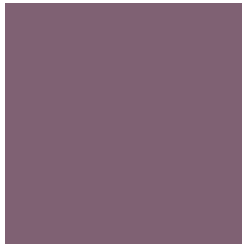


000000



# Previews

## White Background



This preview shows how the Hex color 7F6173 looks on a white background.

## Color Contrast Check

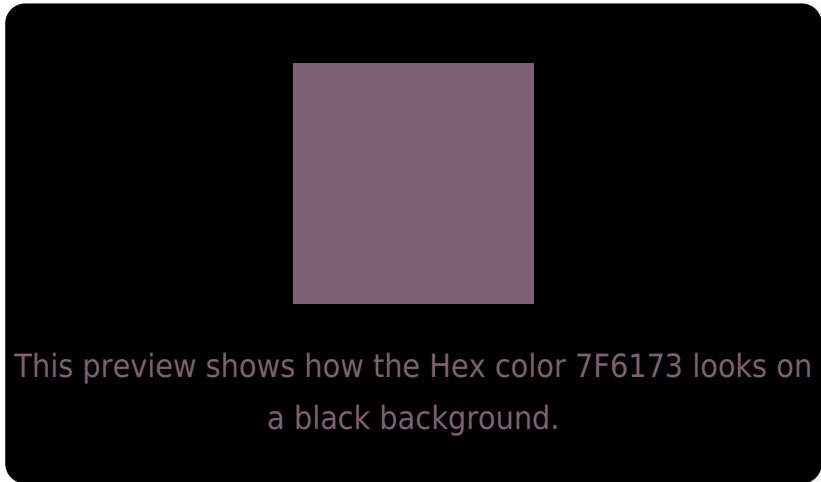
Large Text (above 18pt) WCAG AA ✓ Pass

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

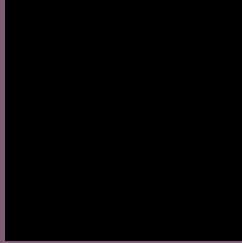
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F6173 Background



This preview shows how black text looks on a background with the Hex color 7F6173.



This preview shows how white text looks on a background with the Hex color 7F6173.

# 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**  
7F6173

**Protanopia**  
676978

**Deuteranopia**  
706772



**Tritanopia**  
7E636A

# Trichromacy



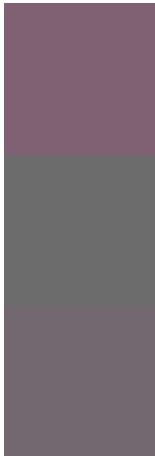
**Original Color**  
7F6173

**Protanomaly**  
706676

**Deuteranomaly**  
756572

**Tritanomaly**  
7E626D

# Monochromacy



**Original Color**  
7F6173

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
73686F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F6173 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 #7F6173 looks like.

```
.text, #text, p{  
    color:#7F6173  
}
```

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 #7F6173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6173
}
```

## Border

The CSS property to change the border of an element to Hex 7F6173 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".

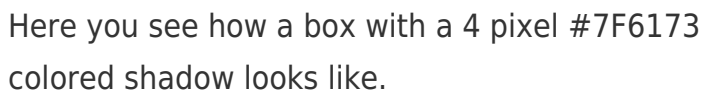
```
.border, #border, table{ border:4px solid
#7F6173 }
```

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

```
.border{ border-color:#7F6173 }
```

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

Here you see how a box with a 4 pixel #7F6173 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6173; -webkit-box-shadow:4px 4px  
4px 4px #7F6173; box-shadow:4px 4px 4px  
4px #7F6173 }
```

# Background

The CSS property to change the background color of an element to Hex 7F6173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6173 }
```

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

```
.background{ background-color:#7F6173 }
```

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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