

# Converting Colors

Hex(7C6F87)

Have a look what the booklet for  
Hex(7C6F87) contains.

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# Color

**Hex(7C6F87)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 7C6F87                    |
| RGB           | 124, 111, 135             |
| RGB Percent   | 49%, 44%, 53%             |
| CMY           | 0.5137, 0.5647, 0.4706    |
| CMYK          | 0.08, 0.18, 0.00, 0.47    |
| HSL           | 272°, 10%, 48%            |
| HSV           | 272°, 18%, 53%            |
| XYZ           | 18.3698, 17.4032, 25.3126 |
| YIQ           | 117.6230, 0.0440, 10.2200 |

# Conversions

## Conversions Part 2

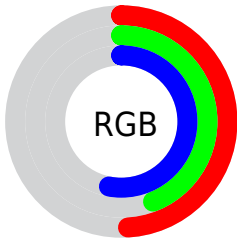
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 124, 111, 135               |
| Decimal                             | 8155015                     |
| CIE Lab                             | 48.76, 9.93, -11.31         |
| CIE LCh                             | 49, 15.053, 311.269         |
| Yxy                                 | 17.4032, 0.3007,<br>0.2849  |
| Android<br>(android.graphics.Color) | 4286345095<br>(0xFF7C6F87)  |
| YUV                                 | 117.6230, 8.5669,<br>5.5926 |
| Hunter-Lab                          | 41.7172, 5.5958,<br>-6.7732 |

# Details

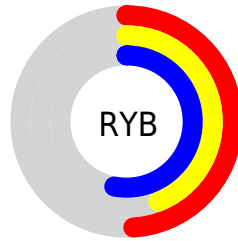
The Hex color **7C6F87** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A876F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B1A3BC**, and **4B3F55** is the 20% darker color. If you saturate the color by 10%, you get **766287**, and if you desaturate by 10%, it is **827D87**.

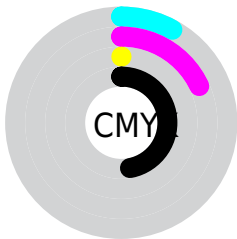
# Distribution



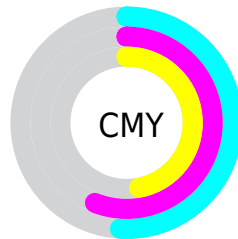
- Red (49%)
- Green (44%)
- Blue (53%)



- Red (49%)
- Yellow (44%)
- Blue (53%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (56%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C6F87 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 7C6F87 by changing the saturation by 10% instead.



■ 7C6F87

■ 7C6F87

FFFFFF

■ 63576E

■ B1A3BC

■ 4B3F55

■ CCBED8

■ 34293E

■ E8DAF4

■ 1F1528

■ FFF6FF

■ 010014

■ 000000

■ 7C6F87

■ 7C6F87

■ 766287

■ 827D87

■ 705487

■ 888A87

694687

8F9887

633987

95A587

5D2C87

9BB387

571E87

A1C087

511187

A7CE87

4A0387

AEDB87

490087

B4E987

# Harmonies

## Analogous

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



6C738D



7C6F87



886C7C

# Triad

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



7C6F87



85705C



537B78

# Complementary

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



7C6F87



7A876F

# 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.



5C7B6B



7C6F87



79755B

# Square

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



7C6F87



8D6D64



6A7860



527A84

# Rectangle

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



7C6F87



8D6B74



6A7860



557B74



# Sweetspot

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



7C6F87



ACA7B0



6F7A87



575459



D9D9D9



595959



# Same Dimension

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



7C6F87



9F8BB0



876F86



3F3C42



460082



010003



# Inverse Universe

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



876F7A



B08B9C



6F8770



423C3F



82003C



030001



# Previews

## White Background



This preview shows how the Hex color 7C6F87 looks on a white background.

## Color Contrast Check

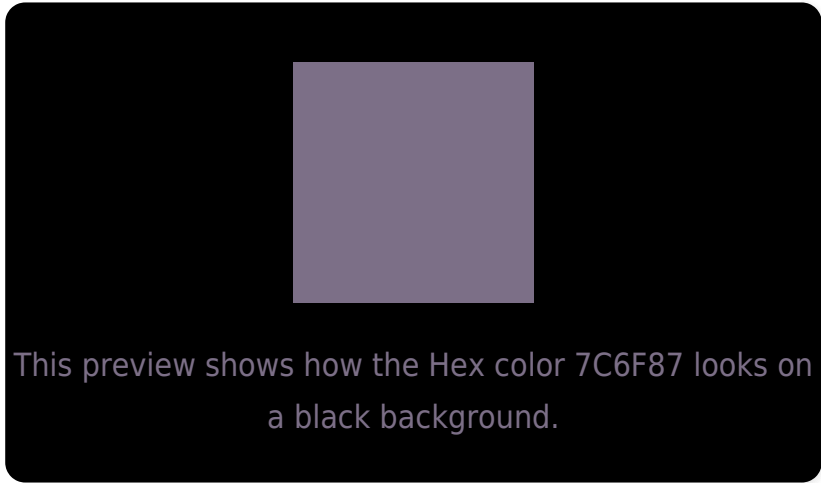
Large Text (above 18pt) WCAG AA ✓ Pass

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

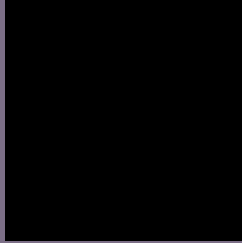
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C6F87 Background



This preview shows how black text looks on a background with the Hex color 7C6F87.



This preview shows how white text looks on a background with the Hex color 7C6F87.

# 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](#).

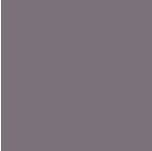
## Dichromacy



**Original Color**  
7C6F87

**Protanopia**  
6F738A

**Deuteranopia**  
767187



**Tritanopia**  
7A717A

# Trichromacy



**Original Color**  
7C6F87

**Protanomaly**  
747289

**Deuteranomaly**  
787087

**Tritanomaly**  
7B707F

# Monochromacy



**Original Color**  
7C6F87

**Achromatopsia**  
767676

**Achromatomaly**  
78737C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C6F87 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 #7C6F87 looks like.

```
.text, #text, p{  
    color:#7C6F87  
}
```

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 #7C6F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6F87
}
```

## Border

The CSS property to change the border of an element to Hex 7C6F87 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
#7C6F87 }
```

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

```
.border{ border-color:#7C6F87 }
```

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

Here you see how a box with a 4 pixel #7C6F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6F87; -webkit-box-shadow:4px 4px  
4px 4px #7C6F87; box-shadow:4px 4px 4px  
4px #7C6F87 }
```

# Background

The CSS property to change the background color of an element to Hex 7C6F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6F87 }
```

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

```
.background{ background-color:#7C6F87 }
```

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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