

# Converting Colors

Hex(76807F)

Have a look what the booklet for  
Hex(76807F) contains.

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# Color

**Hex(76807F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76807F
RGB	118, 128, 127
RGB Percent	46%, 50%, 50%
CMY	0.5373, 0.4980, 0.5020
CMYK	0.08, 0.00, 0.01, 0.50
HSL	174°, 4%, 48%
HSV	174°, 8%, 50%
XYZ	19.0212, 20.8222, 23.0952
YIQ	124.8960, -5.6390, -2.4310

# Conversions

## Conversions Part 2

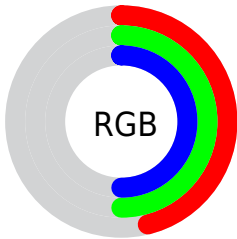
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 123, 128
Decimal	7766143
CIELab	52.75, -3.89, -0.73
CIELCh	53, 3.961, 190.669
Yxy	20.8222, 0.3022, 0.3308
Android (android.graphics.Color)	4285956223 (0xFF76807F)
YUV	124.8960, 1.0373, -6.0478
Hunter-Lab	45.6313, -5.4482, 1.9337

# Details

The Hex color **76807F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807677**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AAB5B4**, and **464F4E** is the 20% darker color. If you saturate the color by 10%, you get **69807E**, and if you desaturate by 10%, it is **838080**.

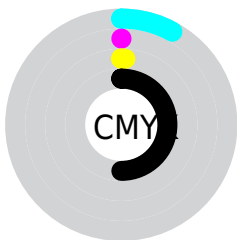
# Distribution



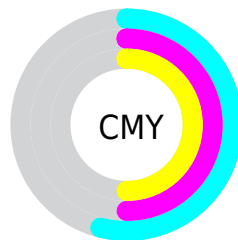
- Red (46%)
- Green (50%)
- Blue (50%)



- Red (46%)
- Yellow (48%)
- Blue (50%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (54%)
- Magenta (50%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76807F 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 76807F by changing the saturation by 10% instead.



■ 76807F

■ 76807F

FFFFFF

■ 5D6766

■ AAB5B4

■ 464F4E

■ C5D0CF

■ 2F3837

■ E1EDEB

■ 1A2322

FEFFFF

■ 000D0C

■ 000000

■ 76807F

■ 76807F

■ 69807E

■ 838080

■ 5C807C

■ 908082

50807B

9C8083

43807A

A98084

368079

B68085

298077

C38087

1C8076

D08088

108075

DC8089

038073

E9808B

# Harmonies

## Analogous

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



78807C



76807F



768082

# Triad

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



76807F



807D83



837D78

# Complementary

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



76807F



807677

# 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.



857C7A



76807F



847C80

# Square

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



76807F



7C7E85



857C7D



807E77

# Rectangle

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



76807F



777F84



857C7D



847D78



# Sweetspot

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



76807F



A2A6A5



778076



525454



D4D4D4



545454



# Same Dimension

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



76807F



97A6A4



767C80



39403F



008073



000000



# Inverse Universe

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



807677



A69798



807A76



40393A



80000D



000000



# Previews

## White Background



This preview shows how the Hex color 76807F looks on a white background.

## Color Contrast Check

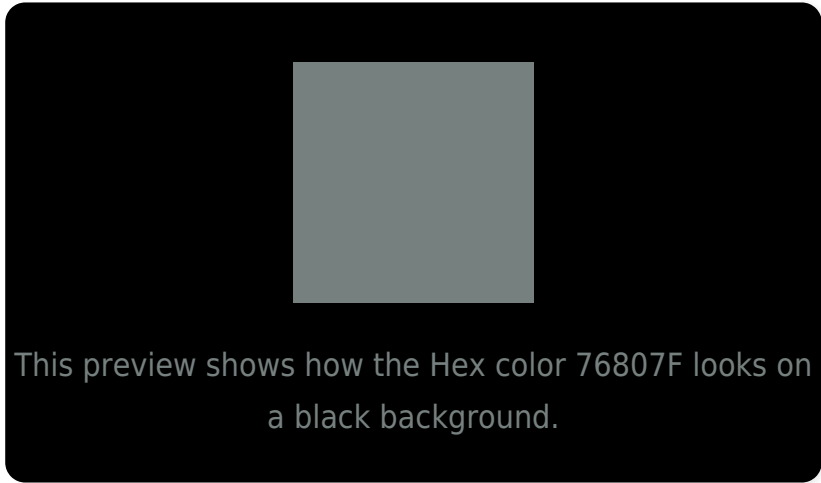
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

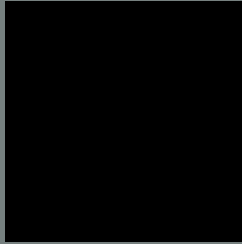
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 76807F Background



This preview shows how black text looks on a background with the Hex color 76807F.



This preview shows how white text looks on a background with the Hex color 76807F.

# 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**  
76807F

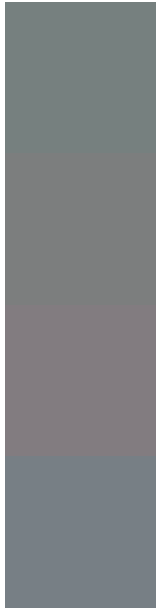
**Protanopia**  
807D7D

**Deuteranopia**  
897A80



**Tritanopia**  
787F89

# Trichromacy



**Original Color**  
76807F

**Protanomaly**  
7C7E7E

**Deuteranomaly**  
827C80

**Tritanomaly**  
777F85

# Monochromacy



**Original Color**  
76807F

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7A7E7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76807F 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 #76807F looks like.

```
.text, #text, p{  
  color:#76807F  
}
```

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 #76807F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76807F
}
```

## Border

The CSS property to change the border of an element to Hex 76807F 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
#76807F }
```

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

```
.border{ border-color:#76807F }
```

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

Here you see how a box with a 4 pixel #76807F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76807F; -webkit-box-shadow:4px 4px  
4px 4px #76807F; box-shadow:4px 4px 4px  
4px #76807F }
```

# Background

The CSS property to change the background color of an element to Hex 76807F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76807F }
```

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

```
.background{ background-color:#76807F }
```

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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