

# Converting Colors

Hex(76937F)

Have a look what the booklet for  
Hex(76937F) contains.

<b>Hex(76937F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(76937F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76937F
RGB	118, 147, 127
RGB Percent	46%, 58%, 50%
CMY	0.5373, 0.4235, 0.5020
CMYK	0.20, 0.00, 0.14, 0.42
HSL	139°, 12%, 52%
HSV	139°, 20%, 58%
XYZ	21.7357, 26.2513, 24.0001
YIQ	136.0490, -10.8640, -12.3680

# Conversions

## Conversions Part 2

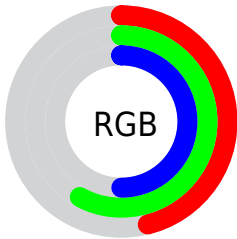
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 140, 147
Decimal	7771007
CIELab	58.27, -14.39, 7.25
CIElCh	58, 16.111, 153.269
Yxy	26.2513, 0.3019, 0.3647
Android (android.graphics.Color)	4285961087 (0xFF76937F)
YUV	136.0490, -4.4612, -15.8290
Hunter-Lab	51.2360, -13.9385, 8.0925

# Details

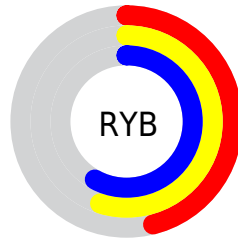
The Hex color **76937F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **93768A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AAC9B4**, and **45604E** is the 20% darker color. If you saturate the color by 10%, you get **679375**, and if you desaturate by 10%, it is **859389**.

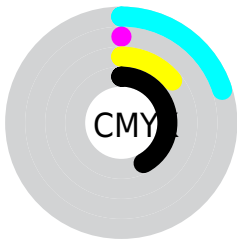
# Distribution



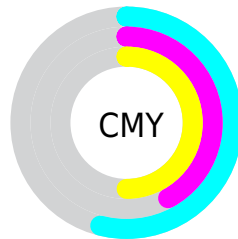
- Red (46%)
- Green (58%)
- Blue (50%)



- Red (46%)
- Yellow (55%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76937F 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 76937F by changing the saturation by 10% instead.



 76937F

 76937F

FFFFFF

 5D7966

 AAC9B4

 45604E

 C6E5CF

 2E4837

 E2FFEB

 183222

 011D0C

 000000

 76937F

 76937F

 679375

 859389

 59936B

 939393

 4A9361

 A2939D

 3B9356

 B193A8

 2D934C

 BF93B2

 1E9342

 CE93BC

 0F9338

 DD93C6

 00932E

 EC93D0

 FA93DA

# Harmonies

## Analogous

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



869074



76937F



6A948D

# Triad

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



76937F



7E8DA8



A9837D

# Complementary

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



76937F



93768A

# 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.



A8828B



76937F



9188A4

# Square

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



76937F



6E91A5



A08499



A28773

# Rectangle

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



76937F



669497



A08499



AA8382



# Sweetspot

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



76937F



B4BFB7



8A9376



5A615C



E0E0E0



616161



# Same Dimension

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



76937F



91BFA0



76938D



434A45



008A2B



000A03



# Inverse Universe

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



93768A



BF91B1



93767C



4A4348



8A005F



0A0007



# Previews

## White Background



This preview shows how the Hex color 76937F looks on a white background.

## Color Contrast Check

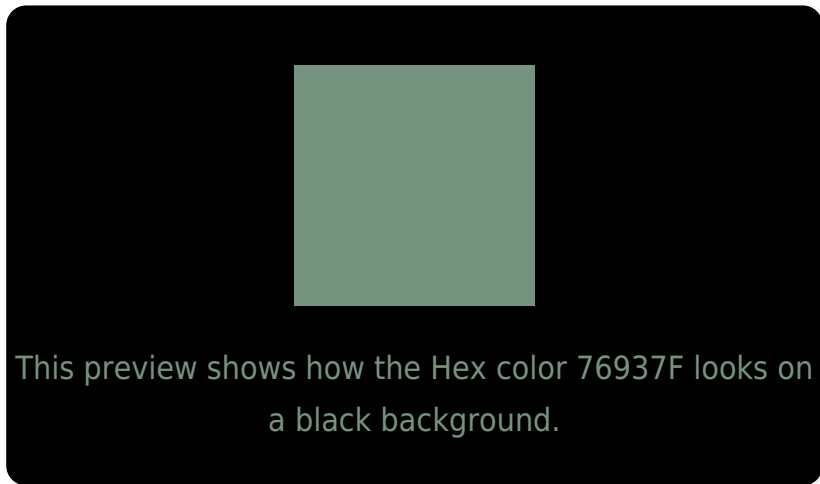
Large Text (above 18pt) WCAG AA ✓ Pass

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

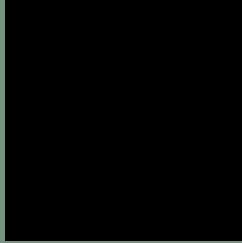
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 76937F Background



This preview shows how black text looks on a background with the Hex color 76937F.



This preview shows how white text looks on a background with the Hex color 76937F.

# 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



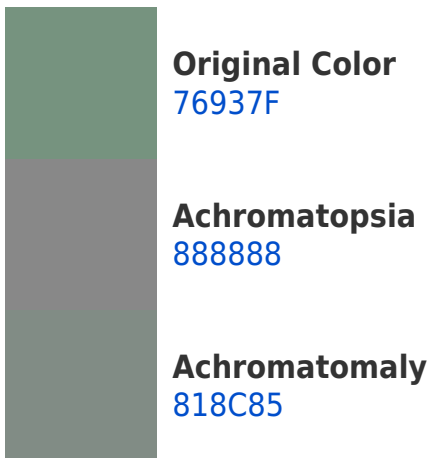


**Tritanopia**  
7B8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76937F 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 #76937F looks like.

```
.text, #text, p{  
    color:#76937F  
}
```

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 #76937F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76937F
}
```

## Border

The CSS property to change the border of an element to Hex 76937F 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
#76937F }
```

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

```
.border{ border-color:#76937F }
```

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

Here you see how a box with a 4 pixel #76937F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76937F; -webkit-box-shadow:4px 4px  
4px 4px #76937F; box-shadow:4px 4px 4px  
4px #76937F }
```

# Background

The CSS property to change the background color of an element to Hex 76937F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76937F }
```

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

```
.background{ background-color:#76937F }
```

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