

# Converting Colors

Hex(3F8974)

Have a look what the booklet for  
Hex(3F8974) contains.

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**Color**

**Hex(3F8974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F8974
RGB	63, 137, 116
RGB Percent	25%, 54%, 45%
CMY	0.7529, 0.4627, 0.5451
CMYK	0.54, 0.00, 0.15, 0.46
HSL	163°, 37%, 39%
HSV	163°, 54%, 54%
XYZ	14.1479, 20.2090, 19.6781
YIQ	112.4800, -37.3630, -22.2190

# Conversions

## Conversions Part 2

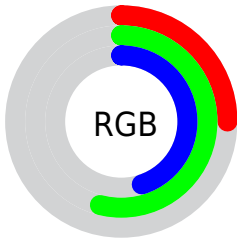
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 106, 137
Decimal	4163956
CIELab	52.07, -28.43, 4.29
CIELCh	52, 28.754, 171.418
Yxy	20.2090, 0.2618, 0.3740
Android (android.graphics.Color)	4282354036 (0xFF3F8974)
YUV	112.4800, 1.7354, -43.3940
Hunter-Lab	44.9545, -22.4933, 5.5149

# Details

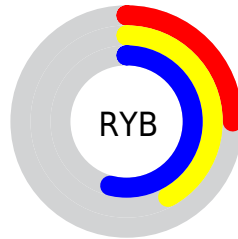
The Hex color **3F8974** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **893F54**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **75BFA8**, and **005644** is the 20% darker color. If you saturate the color by 10%, you get **318970**, and if you desaturate by 10%, it is **4D8978**.

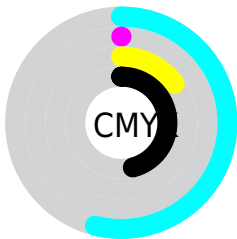
# Distribution



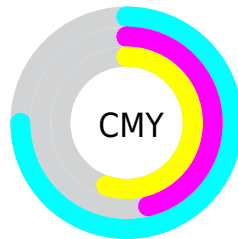
- Red (25%)
- Green (54%)
- Blue (45%)



- Red (25%)
- Yellow (42%)
- Blue (54%)



- Cyan (54%)
- Magenta (0%)
- Yellow (15%)
- Black (46%)



- Cyan (75%)
- Magenta (46%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F8974 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 3F8974 by changing the saturation by 10% instead.



 3F8974

 3F8974

FFFFFF

 236F5B

 75BFA8

 005644

 90DBC3

 003F2E

 ABF8DF

 002819

 C8FFFC


 000E00

 E4FFFF

 000000

 3F8974

 3F8974

 318970

 4D8978

 24896C

 5A897C

■ 168968

■ 688980

■ 088964

■ 768984

■ 008962

■ 848987

■ 91898B

■ 9F898F

■ AD8993

■ BA8997

# Harmonies

## Analogous

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



5E865D



3F8974



20898D

# Triad

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



3F8974



7578AA



A57057

# Complementary

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



3F8974



893F54

# 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.



AD6A6B



3F8974



94709B

# Square

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



3F8974



4D81AC



A76A84



93784B

# Rectangle

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



3F8974



1D889C



A76A84



A96D5D



# Sweetspot

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



3F8974



96B3AA



55893F



485954



D9D9D9



595959



# Same Dimension

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



3F8974



3EB392



3F7A89



3E4543



00855F



000504



# Inverse Universe

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



893F54



B33E5F



894E3F



453E40



850026

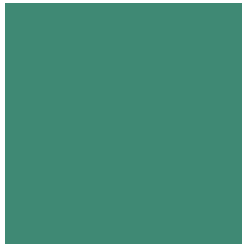


050001



# Previews

## White Background



This preview shows how the Hex color 3F8974 looks on a white background.

## Color Contrast Check

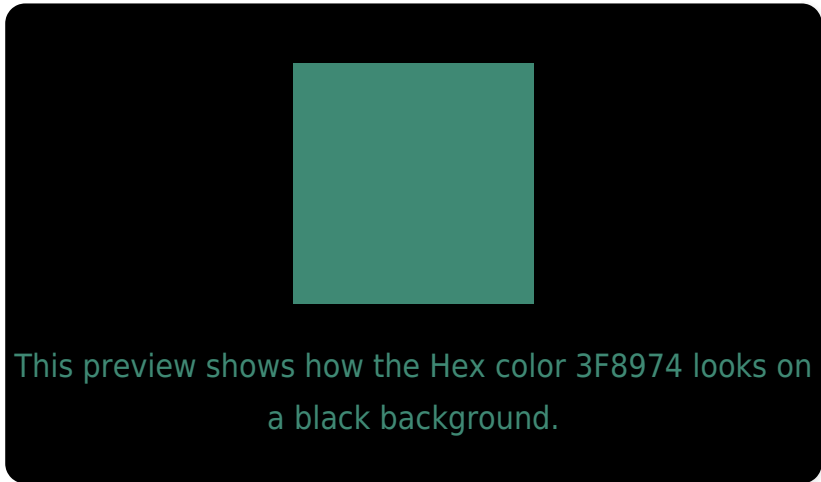
Large Text (above 18pt) WCAG AA ✓ Pass

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

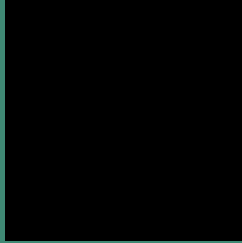
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3F8974 Background



This preview shows how black text looks on a background with the Hex color 3F8974.

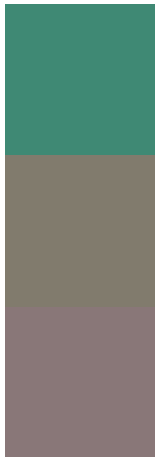


This preview shows how white text looks on a background with the Hex color 3F8974.

# 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**  
3F8974

**Protanopia**  
817B6D

**Deuteranopia**  
897778

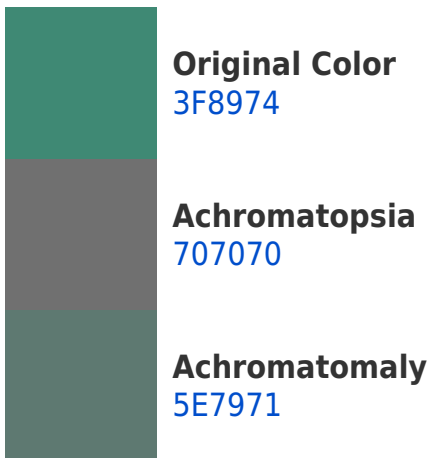


**Tritanopia**  
488590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F8974 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 #3F8974 looks like.

```
.text, #text, p{  
    color:#3F8974  
}
```

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 #3F8974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8974
}
```

## Border

The CSS property to change the border of an element to Hex 3F8974 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
#3F8974 }
```

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

```
.border{ border-color:#3F8974 }
```

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

Here you see how a box with a 4 pixel #3F8974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8974; -webkit-box-shadow:4px 4px  
4px 4px #3F8974; box-shadow:4px 4px 4px  
4px #3F8974 }
```

# Background

The CSS property to change the background color of an element to Hex 3F8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8974 }
```

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

```
.background{ background-color:#3F8974 }
```

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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