

# Converting Colors

Hex(337974)

Have a look what the booklet for  
Hex(337974) contains.

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# Color

Hex(337974)

# Conversions

## Conversions Part 1

Format	Color
Hex	337974
RGB	51, 121, 116
RGB Percent	20%, 47%, 45%
CMY	0.8000, 0.5255, 0.5451
CMYK	0.58, 0.00, 0.04, 0.53
HSL	176°, 41%, 34%
HSV	176°, 58%, 47%
XYZ	11.3550, 15.6395, 18.9433
YIQ	99.5000, -40.1150, -16.3950

# Conversions

## Conversions Part 2

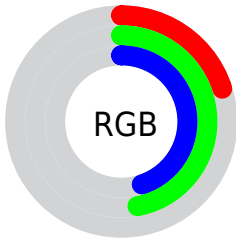
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 87, 121
Decimal	3373428
CIELab	46.50, -23.13, -3.90
CIElCh	46, 23.458, 189.559
Yxy	15.6395, 0.2472, 0.3404
Android (android.graphics.Color)	4281563508 (0xFF337974)
YUV	99.5000, 8.1345, -42.5345
Hunter-Lab	39.5468, -17.9546, -0.7176

# Details

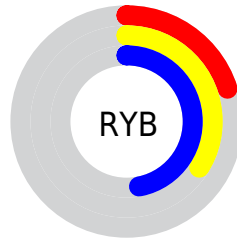
The Hex color **337974** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **793338**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **69AEA8**, and **004844** is the 20% darker color. If you saturate the color by 10%, you get **277973**, and if you desaturate by 10%, it is **3F7975**.

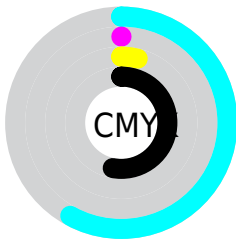
# Distribution



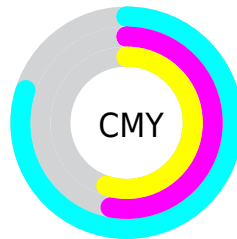
- Red (20%)
- Green (47%)
- Blue (45%)



- Red (20%)
- Yellow (34%)
- Blue (47%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 337974 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 337974 by changing the saturation by 10% instead.



 337974

 337974

FFFFFF

 14605B

 69AEA8

 004844

 84C9C3

 00312E

 9FE5DF

 001E19

 BBFFFC

 000000

 D8FFFF

 F5FFFF

 337974

 337974

 277973

 3F7975

■ 1B7972

■ 4B7976

■ 0F7971

■ 577977

■ 037971

■ 637977

■ 007970

■ 6F7978

■ 7C7979

■ 88797A

■ 94797B

■ A0797C

# Harmonies

## Analogous

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



497860



337974



2C7887

# Triad

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



337974



79678D



87684A

# Complementary

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



337974



793338

# 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.



936256



337974



8C617C

# Square

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



337974



5D6E95



955F69



766F47

# Rectangle

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



337974



377590



955F69



8C664D



# Sweetspot

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



337974



839E9C



397933



3F4F4E



CFCFCF



4F4F4F



# Same Dimension

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



337974



319E96



335C79



373D3D



007D74



00FCEA



# Inverse Universe

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



793338



9E3139



795033



3D3738



7D0009

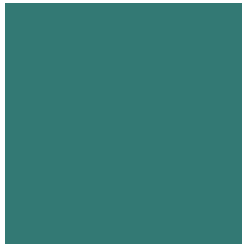


FC0012



# Previews

## White Background



This preview shows how the Hex color 337974 looks on a white background.

## Color Contrast Check

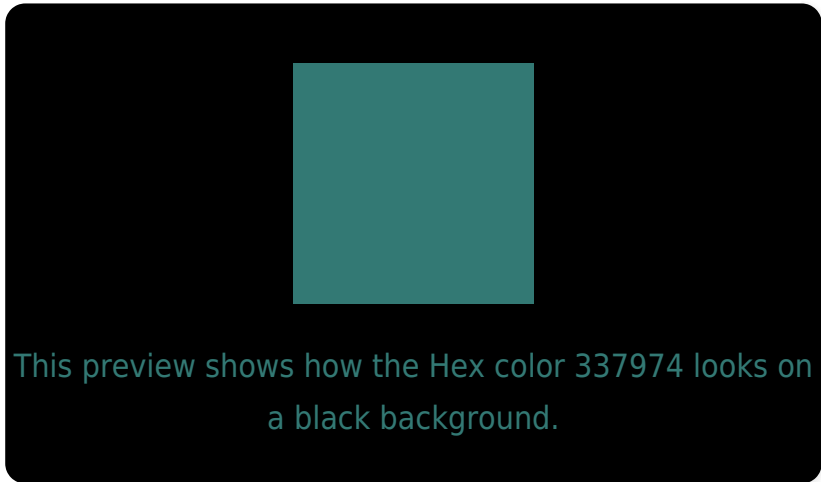
Large Text (above 18pt) WCAG AA ✓ Pass

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

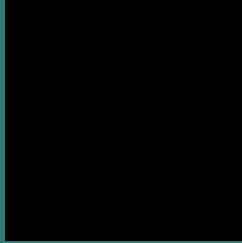
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 337974 Background



This preview shows how black text looks on a background with the Hex color 337974.

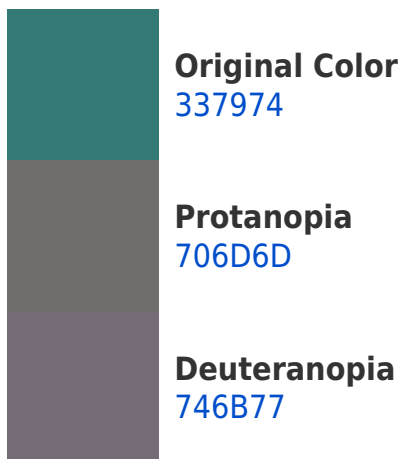


This preview shows how white text looks on a background with the Hex color 337974.

# 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**  
387781

# Trichromacy



**Original Color**  
337974

**Protanomaly**  
5A7170

**Deuteranomaly**  
5C7076

**Tritanomaly**  
36787C

# Monochromacy



**Original Color**  
337974

**Achromatopsia**  
646464

**Achromatomaly**  
526C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 337974 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 #337974 looks like.

```
.text, #text, p{  
    color:#337974  
}
```

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 #337974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337974
}
```

## Border

The CSS property to change the border of an element to Hex 337974 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
#337974 }
```

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

```
.border{ border-color:#337974 }
```

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

Here you see how a box with a 4 pixel #337974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337974; -webkit-box-shadow:4px 4px  
4px 4px #337974; box-shadow:4px 4px 4px  
4px #337974 }
```

# Background

The CSS property to change the background color of an element to Hex 337974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337974 }
```

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

```
.background{ background-color:#337974 }
```

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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