

Converting Colors

Hex(337970)

Have a look what the booklet for
Hex(337970) contains.

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Color

Hex(337970)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 337970 |
| RGB | 51, 121, 112 |
| RGB Percent | 20%, 47%, 44% |
| CMY | 0.8000, 0.5255, 0.5608 |
| CMYK | 0.58, 0.00, 0.07, 0.53 |
| HSL | 172°, 41%, 34% |
| HSV | 172°, 58%, 47% |
| XYZ | 11.1272, 15.5484, 17.7439 |
| YIQ | 99.0440, -38.8310, -17.6390 |

Conversions

Conversions Part 2

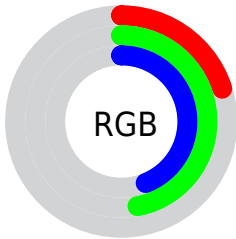
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 51, 88, 121 |
| Decimal | 3373424 |
| CIELab | 46.38, -24.27, -1.70 |
| CIElCh | 46, 24.325, 184.001 |
| Yxy | 15.5484, 0.2505, 0.3500 |
| Android (android.graphics.Color) | 4281563504 (0xFF337970) |
| YUV | 99.0440, 6.3873, -42.1346 |
| Hunter-Lab | 39.4315, -18.6338, 0.9219 |

Details

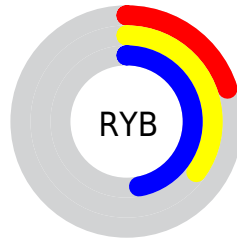
The Hex color **337970** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **79333C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **69AEA4**, and **004840** is the 20% darker color. If you saturate the color by 10%, you get **27796E**, and if you desaturate by 10%, it is **3F7972**.

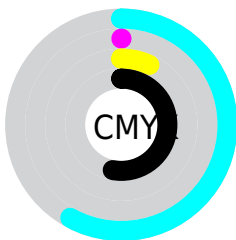
Distribution



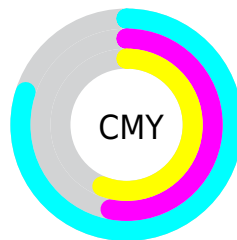
- Red (20%)
- Green (47%)
- Blue (44%)



- Red (20%)
- Yellow (35%)
- Blue (47%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337970 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 337970 by changing the saturation by 10% instead.

 337970

 337970

FFFFFF

 146058

 69AEA4

 004840

 83C9BF

 00312A

 9FE5DA

 001E16

 BBFFF7

 000000

 D7FFF

 F4FFF

 337970

 337970

 27796E

 3F7972

■ 1B796D

■ 4B7973

■ 0F796B

■ 577975

■ 03796A

■ 637976

■ 007969

■ 6F7978

■ 7C7979

■ 88797B

■ 94797C

■ A0797E

Harmonies

Analogous

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



4B775B



337970



267884

Triad

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



337970



746890



8B674A

Complementary

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



337970



79333C

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.



956158



337970



8A6180

Square

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



337970



566F96



955E6C



796E45

Rectangle

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



337970



2E768E



955E6C



8F644E

Sweetspot

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



337970



839E9B



3C7933



3F4F4D



CFCFCF



4F4F4F

Same Dimension

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



337970



319E90



335F79



373D3C



007D6D



00FCDC

Inverse Universe

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



79333C



9E313F



794D33



3D3738



7D0010



FC0020

Previews

White Background



This preview shows how the Hex color 337970 looks on a white background.

Color Contrast Check

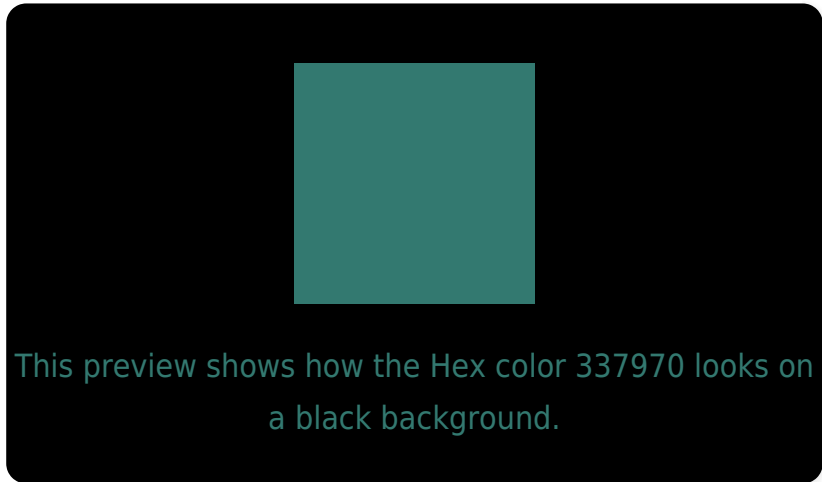
Large Text (above 18pt) WCAG AA ✓ Pass

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

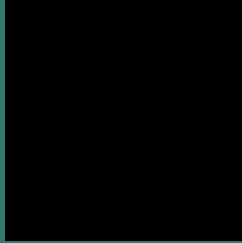
Any Text WCAG AA × Fail

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 337970 Background



This preview shows how black text looks on a background with the Hex color 337970.

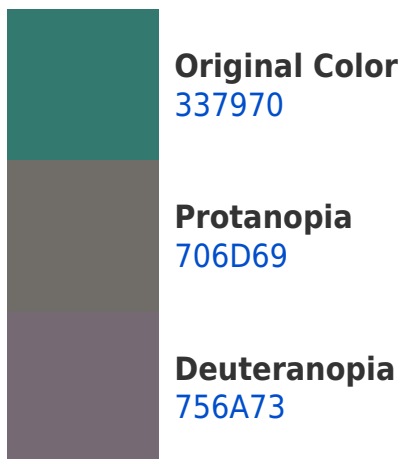


This preview shows how white text looks on a background with the Hex color 337970.

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](#).

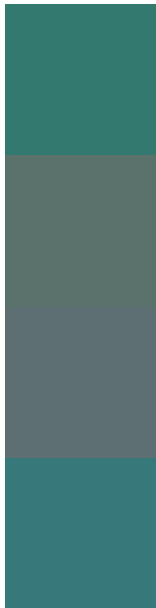
Dichromacy





Tritanopia
397780

Trichromacy



Original Color
337970

Protanomaly
5A716C

Deuteranomaly
5D6F72

Tritanomaly
37787A

Monochromacy



Original Color
337970

Achromatopsia
636363

Achromatomaly
526B68

CSS Examples

Text

The CSS property to change the color of the text to Hex 337970 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 #337970 looks like.

```
.text, #text, p{  
    color:#337970  
}
```

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 #337970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337970
}
```

Border

The CSS property to change the border of an element to Hex 337970 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
#337970 }
```

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

```
.border{ border-color:#337970 }
```

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

Here you see how a box with a 4 pixel #337970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337970; -webkit-box-shadow:4px 4px  
4px 4px #337970; box-shadow:4px 4px 4px  
4px #337970 }
```

Background

The CSS property to change the background color of an element to Hex 337970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337970 }
```

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

```
.background{ background-color:#337970 }
```

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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