

Converting Colors

Hex(467971)

Have a look what the booklet for
Hex(467971) contains.

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Color

Hex(467971)

Conversions

Conversions Part 1

Format	Color
Hex	467971
RGB	70, 121, 113
RGB Percent	27%, 47%, 44%
CMY	0.7255, 0.5255, 0.5569
CMYK	0.42, 0.00, 0.07, 0.53
HSL	171°, 27%, 37%
HSV	171°, 42%, 47%
XYZ	12.3438, 16.1691, 18.0931
YIQ	104.8390, -27.8280, -13.3000

Conversions

Conversions Part 2

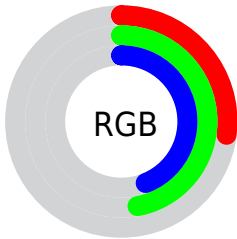
Format	Color
RYB	70, 98, 121
Decimal	4618609
CIELab	47.20, -19.19, -1.00
CIELCh	47, 19.215, 182.974
Yxy	16.1691, 0.2649, 0.3469
Android (android.graphics.Color)	4282808689 (0xFF467971)
YUV	104.8390, 4.0234, -30.5538
Hunter-Lab	40.2108, -15.5735, 1.4696

Details

The Hex color **467971** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79464E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **79AEA5**, and **124841** is the 20% darker color. If you saturate the color by 10%, you get **3A796F**, and if you desaturate by 10%, it is **527973**.

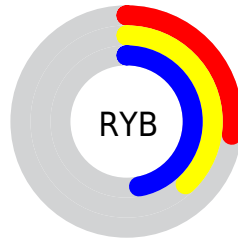
Distribution



Red (27%)

Green (47%)

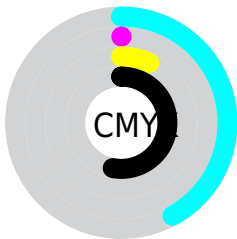
Blue (44%)



Red (27%)

Yellow (38%)

Blue (47%)

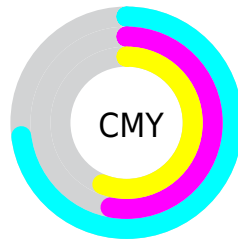


Cyan (42%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467971 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 467971 by changing the saturation by 10% instead.

 467971

 467971

FFFFFF

 2D6059

 79AEA5

 124841

 94C9C0

 00312B

 AFE5DC

 001D17

 CBFFF8

 000000

 E7FFFF

 467971

 467971

 3A796F

 527973

 2E796D

 5E7975

■ 22796B

■ 6A7977

■ 167969

■ 767979

■ 097968

■ 83797A

■ 007966

■ 8F797C

■ 9B797E

■ A77980

■ B37982

Harmonies

Analogous

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



567861



467971



407881

Triad

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



467971



756B8B



886A54

Complementary

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



467971



79464E

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.



90665F



467971



86667F

Square

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



467971



5E7190



90646F



7A6F50

Rectangle

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



467971



447789



90646F



8B6857

Sweetspot

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



467971



8A9E9B



4E7946



424F4D



CFCFCF



4F4F4F

Same Dimension

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



467971



4D9E91



466879



373D3C



007D69



00FCD5

Inverse Universe

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



79464E



9E4D5A



795746



3D3738



7D0014



FC0028

Previews

White Background



This preview shows how the Hex color 467971 looks on a white background.

Color Contrast Check

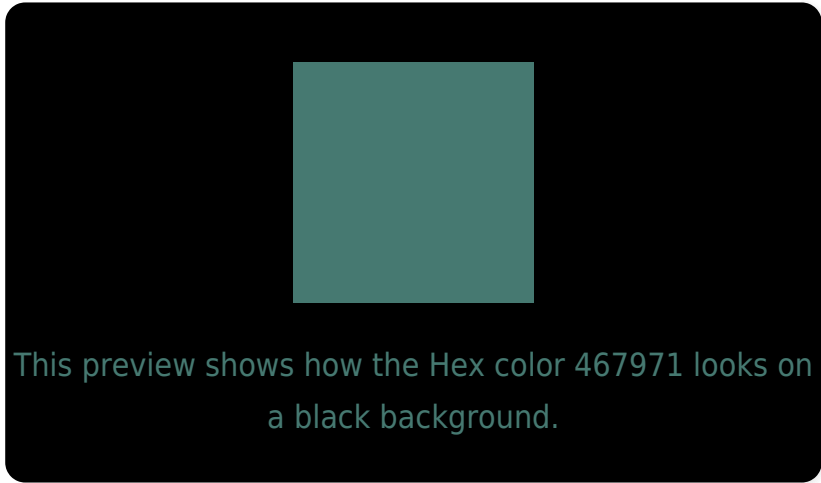
Large Text (above 18pt) WCAG AA ✓ Pass

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

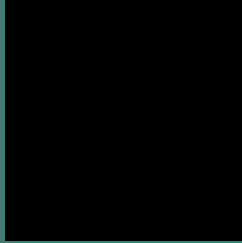
Any Text WCAG AA × Fail

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 467971 Background



This preview shows how black text looks on a background with the Hex color 467971.

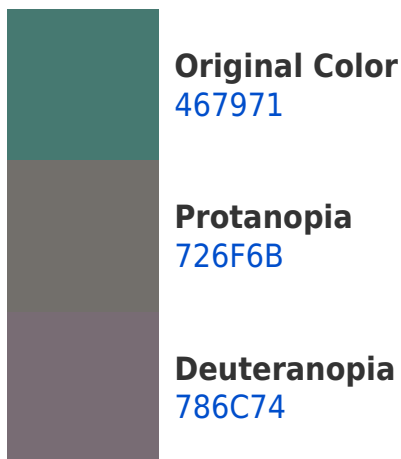


This preview shows how white text looks on a background with the Hex color 467971.

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](#).

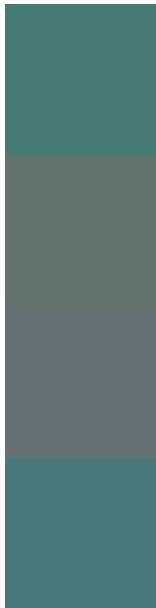
Dichromacy





Tritanopia
4A7780

Trichromacy



Original Color
467971

Protanomaly
62736D

Deuteranomaly
667173

Tritanomaly
49787B

Monochromacy



Original Color
467971

Achromatopsia
696969

Achromatomaly
5C6F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 467971 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 #467971 looks like.

```
.text, #text, p{  
    color:#467971  
}
```

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 #467971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467971
}
```

Border

The CSS property to change the border of an element to Hex 467971 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
#467971 }
```

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

```
.border{ border-color:#467971 }
```

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

Here you see how a box with a 4 pixel #467971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467971; -webkit-box-shadow:4px 4px  
4px 4px #467971; box-shadow:4px 4px 4px  
4px #467971 }
```

Background

The CSS property to change the background color of an element to Hex 467971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467971 }
```

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

```
.background{ background-color:#467971 }
```

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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