

# Converting Colors

Hex(437965)

Have a look what the booklet for  
Hex(437965) contains.

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# Color

Hex(437965)

# Conversions

## Conversions Part 1

Format	Color
Hex	437965
RGB	67, 121, 101
RGB Percent	26%, 47%, 40%
CMY	0.7373, 0.5255, 0.6039
CMYK	0.45, 0.00, 0.17, 0.53
HSL	158°, 29%, 37%
HSV	158°, 45%, 47%
XYZ	11.5011, 15.8076, 14.7569
YIQ	102.5740, -25.7640, -17.6680

# Conversions

## Conversions Part 2

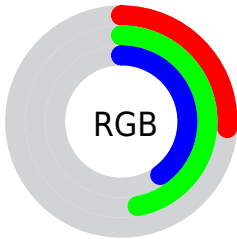
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 100, 121
Decimal	4421989
CIELab	46.72, -23.04, 5.41
CIELCh	47, 23.668, 166.794
Yxy	15.8076, 0.2734, 0.3758
Android (android.graphics.Color)	4282612069 (0xFF437965)
YUV	102.5740, -0.7760, -31.1984
Hunter-Lab	39.7588, -17.9430, 5.8250

# Details

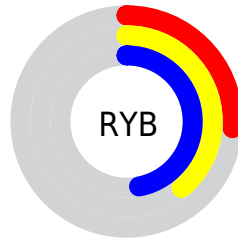
The Hex color **437965** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **794357**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **76AE98**, and **0F4836** is the 20% darker color. If you saturate the color by 10%, you get **377961**, and if you desaturate by 10%, it is **4F7969**.

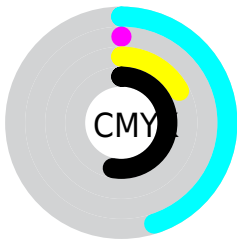
# Distribution



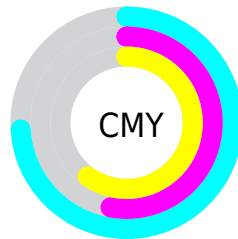
- Red (26%)
- Green (47%)
- Blue (40%)



- Red (26%)
- Yellow (39%)
- Blue (47%)



- Cyan (45%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (74%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 437965 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 437965 by changing the saturation by 10% instead.



■ 437965

■ 437965

FFFFFF

■ 2A604D

■ 76AE98

■ 0F4836

■ 91C9B3

■ 003121

■ ACE5CE

■ 001E0A

■ C8FFEA

■ 000000

■ E4FFFF

■ 437965

■ 437965

■ 377961

■ 4F7969

■ 2B795C

■ 5B796E

■ 1F7958

■ 677972

■ 137953

■ 737977

■ 06794F

■ 80797B

■ 00794C

■ 8C7980

■ 987984

■ A47989

■ B0798D

# Harmonies

## Analogous

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



5B7653



437965



2F7A79

# Triad

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



437965



656D95



926453

# Complementary

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



437965



794357

# 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.



966064



437965



7F668A

# Square

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



437965



467395



906178



846A48

# Rectangle

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



437965



2B7986



906178



946258



# Sweetspot

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



437965



8A9E96



587943



424F4A



CFCFCF



4F4F4F



# Same Dimension

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



437965



499E7E



437379



373D3B



007D4F



00FC9F



# Inverse Universe

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



794357



9E4968



794943



3D3739



7D002E



FC005D



# Previews

## White Background



This preview shows how the Hex color 437965 looks on a white background.

## Color Contrast Check

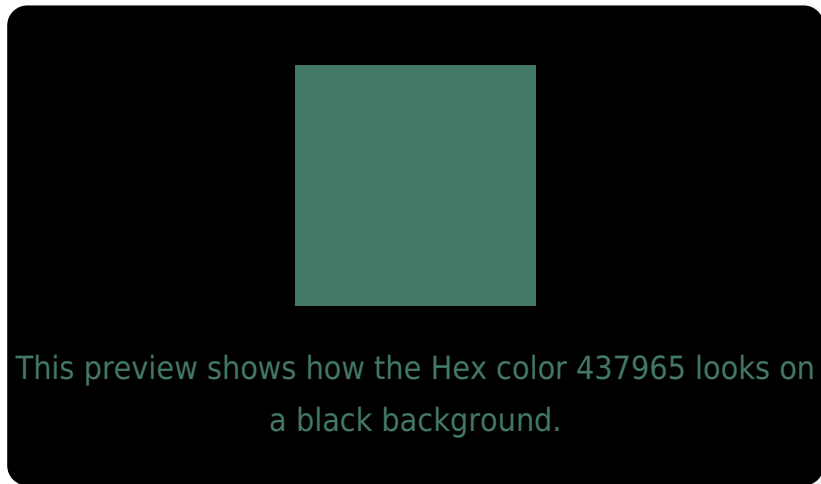
Large Text (above 18pt) WCAG AA ✓ Pass

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

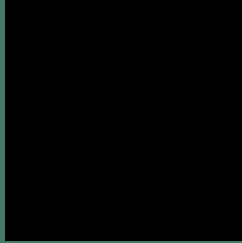
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 437965 Background



This preview shows how black text looks on a background with the Hex color 437965.

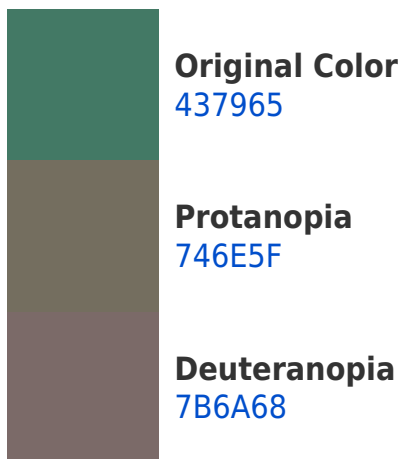



This preview shows how white text looks on a background with the Hex color 437965.

# 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](#).

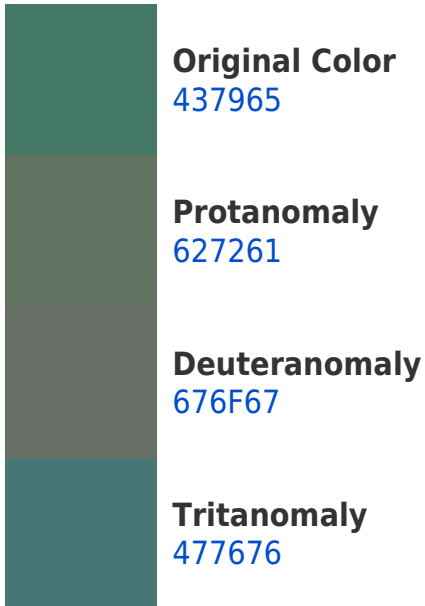
## Dichromacy



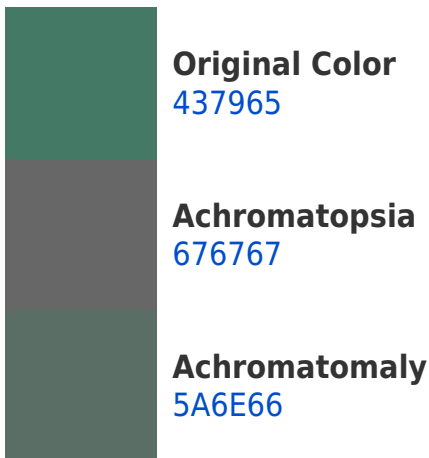


**Tritanopia**  
4A757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 437965 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 #437965 looks like.

```
.text, #text, p{  
    color:#437965  
}
```

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 #437965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437965
}
```

## Border

The CSS property to change the border of an element to Hex 437965 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".

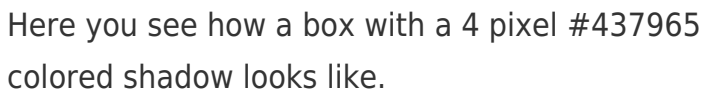
```
.border, #border, table{ border:4px solid
#437965 }
```

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

```
.border{ border-color:#437965 }
```

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

Here you see how a box with a 4 pixel #437965 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437965; -webkit-box-shadow:4px 4px  
4px 4px #437965; box-shadow:4px 4px 4px  
4px #437965 }
```

# Background

The CSS property to change the background color of an element to Hex 437965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437965 }
```

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

```
.background{ background-color:#437965 }
```

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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