

# Converting Colors

Hex(443769)

Have a look what the booklet for  
Hex(443769) contains.

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# Color

**Hex(443769)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	443769
RGB	68, 55, 105
RGB Percent	27%, 22%, 41%
CMY	0.7333, 0.7843, 0.5882
CMYK	0.35, 0.48, 0.00, 0.59
HSL	256°, 31%, 31%
HSV	256°, 48%, 41%
XYZ	6.2999, 4.9812, 13.9940
YIQ	64.5870, -8.3020, 18.3060

# Conversions

## Conversions Part 2

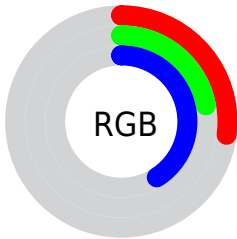
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 55, 105
Decimal	4470633
CIE <sub>Lab</sub>	26.68, 18.38, -27.34
CIE <sub>LCh</sub>	27, 32.945, 303.907
Yxy	4.9812, 0.2493, 0.1971
Android (android.graphics.Color)	4282660713 (0xFF443769)
YUV	64.5870, 19.9236, 2.9932
Hunter-Lab	22.3187, 11.3274, -21.5523

# Details

The Hex color **443769** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C6937**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **76669D**, and **150D39** is the 20% darker color. If you saturate the color by 10%, you get **3C2D69**, and if you desaturate by 10%, it is **4C4269**.

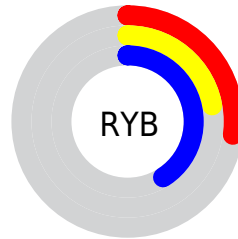
# Distribution



 Red (27%)

 Green (22%)

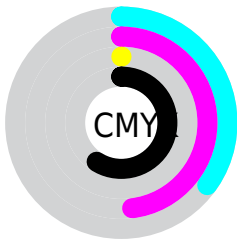
 Blue (41%)



 Red (27%)

 Yellow (22%)

 Blue (41%)

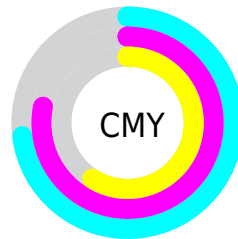


 Cyan (35%)

 Magenta (48%)

 Yellow (0%)

 Black (59%)



 Cyan (73%)

 Magenta (78%)

 Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 443769 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 443769 by changing the saturation by 10% instead.





443769



443769

FFFFFF



2C2151



76669D



150D39



907FB8



000023



AB99D3



00000B



C7B4F0



000000



E3D0FF



FFECFF



443769



443769



3C2D69



4C4269

■ 342269

■ 544C69

■ 2D1769

■ 5B5769

■ 250D69

■ 636169

■ 1D0369

■ 6B6C69

■ 1B0069

■ 737669

■ 7A8169

■ 828B69

■ 8A9669

# Harmonies

## Analogous

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



024171



443769



602C56

# Triad

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



443769



5D3611



004B42

# Complementary

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



443769



5C6937

# 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.



004928



443769



493F07

# Square

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



443769



6A2C24



2F4612



004B5A

# Rectangle

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



443769



6A2845



2F4612



004B39



# Sweetspot

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



443769



7B768A



375D69



3C3945



C4C4C4



454545



# Same Dimension

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



443769



503B8A



5D3769



323036



1E0075



4000F5



# Inverse Universe

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



69375C



8A3B75



446937



363034



750057



F500B5



# Previews

## White Background



This preview shows how the Hex color 443769 looks on a white background.

## Color Contrast Check

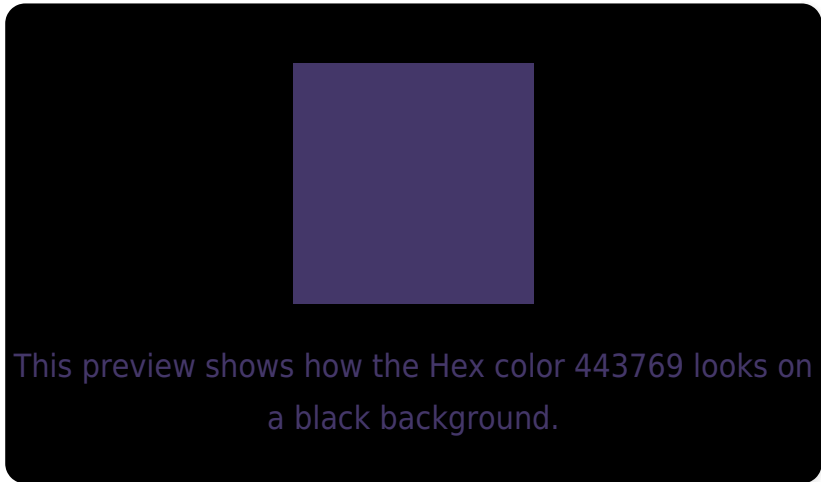
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

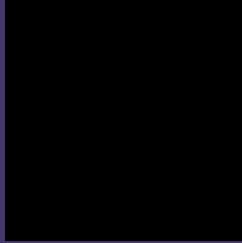
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 443769 Background



This preview shows how black text looks on a background with the Hex color 443769.



This preview shows how white text looks on a background with the Hex color 443769.

# 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**

443769

**Protanopia**

283E6F

**Deuteranopia**

274067



**Tritanopia**  
3C4045

# Trichromacy



**Original Color**  
443769

**Protanomaly**  
323B6D

**Deuteranomaly**  
323D68

**Tritanomaly**  
3F3D52

# Monochromacy



**Original Color**  
443769

**Achromatopsia**  
414141

**Achromatomaly**  
423D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 443769 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 #443769 looks like.

```
.text, #text, p{  
    color:#443769  
}
```

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 #443769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #443769
}
```

## Border

The CSS property to change the border of an element to Hex 443769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

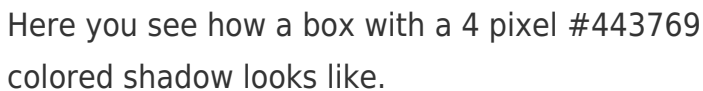
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#443769 }
```

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

```
.border{ border-color:#443769 }
```

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



Here you see how a box with a 4 pixel #443769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #443769; -webkit-box-shadow:4px 4px  
4px 4px #443769; box-shadow:4px 4px 4px  
4px #443769 }
```

# Background

The CSS property to change the background color of an element to Hex 443769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#443769 }
```

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

```
.background{ background-color:#443769 }
```

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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