

# Converting Colors

Hex(433968)

Have a look what the booklet for  
Hex(433968) contains.

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# Color

**Hex(433968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	433968
RGB	67, 57, 104
RGB Percent	26%, 22%, 41%
CMY	0.7373, 0.7765, 0.5922
CMYK	0.36, 0.45, 0.00, 0.59
HSL	253°, 29%, 32%
HSV	253°, 45%, 41%
XYZ	6.2766, 5.1190, 13.7540
YIQ	65.3480, -9.1270, 16.7370

# Conversions

## Conversions Part 2

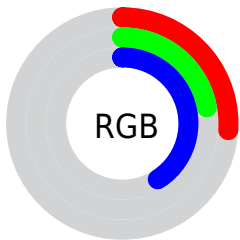
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 57, 104
Decimal	4405608
CIE Lab	27.07, 16.45, -26.09
CIE LCh	27, 30.841, 302.228
Yxy	5.1190, 0.2496, 0.2035
Android (android.graphics.Color)	4282595688 (0xFF433968)
YUV	65.3480, 19.0554, 1.4488
Hunter-Lab	22.6253, 9.9241, -20.2049

# Details

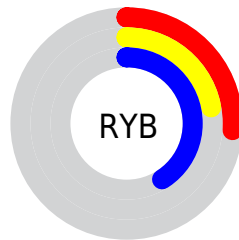
The Hex color **433968** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E6839**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **75689B**, and **140F38** is the 20% darker color. If you saturate the color by 10%, you get **3B2F68**, and if you desaturate by 10%, it is **4B4368**.

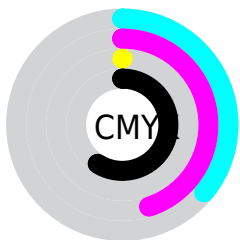
# Distribution



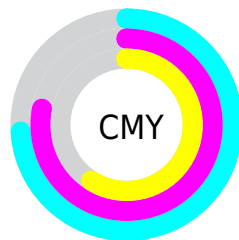
- Red (26%)
- Green (22%)
- Blue (41%)



- Red (26%)
- Yellow (22%)
- Blue (41%)



- Cyan (36%)
- Magenta (45%)
- Yellow (0%)
- Black (59%)



- Cyan (74%)
- Magenta (78%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 433968 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 433968 by changing the saturation by 10% instead.



■ 433968

■ 433968

FFFFFF

■ 2B2350

■ 75689B

■ 140F38

■ 8F81B6

■ 000023

■ AA9BD2

■ 000009

■ C5B6EF

■ 000000

■ E2D2FF

■ FEEEFF

■ 433968

■ 433968

■ 3B2F68

■ 4B4368

■ 332468

■ 534E68

■ 2A1A68

■ 5C5868

■ 220F68

■ 646368

■ 1A0568

■ 6C6D68

■ 160068

■ 747768

■ 7C8268

■ 848C68

■ 8D9768

# Harmonies

## Analogous

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



0B426F



433968



5E2F56

# Triad

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



433968



5E3716



004B41

# Complementary

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



433968



5E6839

# 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.



0F4A29



433968



4B3F0D

# Square

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



433968



692E28



334615



004B58

# Rectangle

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



433968



682B47



334615



004B39



# Sweetspot

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



433968



787487



395F68



3C3945



C4C4C4



454545



# Same Dimension

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



433968



4E3E87



5A3968



2F2E33



180073



3400F2



# Inverse Universe

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



68395E



873E78



476839



332E32



73005A



F200BF



# Previews

## White Background



This preview shows how the Hex color 433968 looks on a white background.

## Color Contrast Check

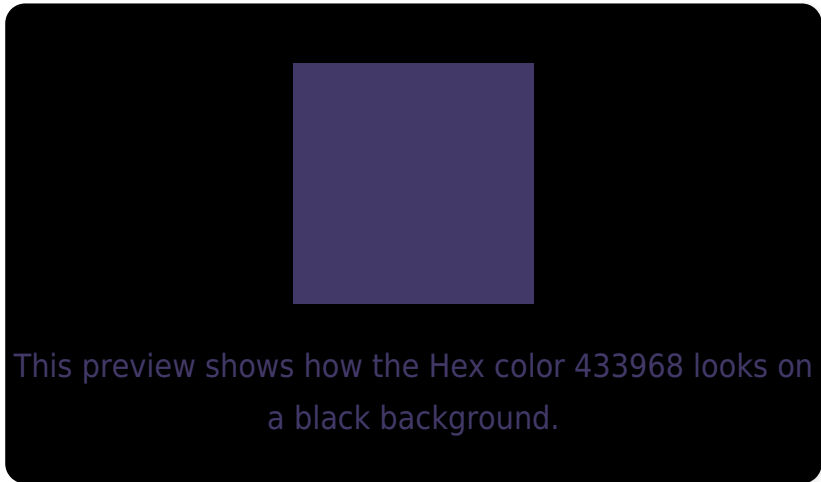
Large Text (above 18pt) WCAG AA ✓ Pass

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

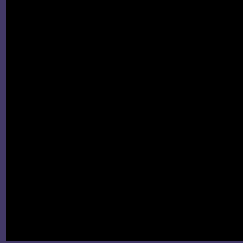
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 433968 Background



This preview shows how black text looks on a background with the Hex color 433968.



This preview shows how white text looks on a background with the Hex color 433968.

# 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](#).

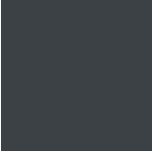
## Dichromacy



**Original Color**  
433968

**Protanopia**  
2C3F6D

**Deuteranopia**  
2A4066



**Tritanopia**  
3C4146

# Trichromacy



**Original Color**  
433968

**Protanomaly**  
343D6B

**Deuteranomaly**  
333D67

**Tritanomaly**  
3F3E52

# Monochromacy



**Original Color**  
433968

**Achromatopsia**  
414141

**Achromatomaly**  
423E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 433968 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 #433968 looks like.

```
.text, #text, p{  
    color:#433968  
}
```

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 #433968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433968  
}
```

## Border

The CSS property to change the border of an element to Hex 433968 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".

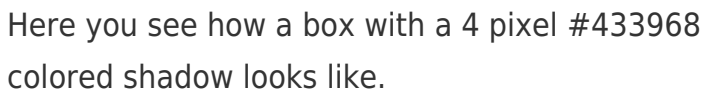
```
.border, #border, table{ border:4px solid  
#433968 }
```

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

```
.border{ border-color:#433968 }
```

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

Here you see how a box with a 4 pixel #433968 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433968; -webkit-box-shadow:4px 4px  
4px 4px #433968; box-shadow:4px 4px 4px  
4px #433968 }
```

# Background

The CSS property to change the background color of an element to Hex 433968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433968 }
```

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

```
.background{ background-color:#433968 }
```

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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