

# Converting Colors

Hex(433862)

Have a look what the booklet for  
Hex(433862) contains.

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# Color

**Hex(433862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	433862
RGB	67, 56, 98
RGB Percent	26%, 22%, 38%
CMY	0.7373, 0.7804, 0.6157
CMYK	0.32, 0.43, 0.00, 0.62
HSL	256°, 27%, 30%
HSV	256°, 43%, 38%
XYZ	5.9335, 4.9035, 12.1890
YIQ	64.0770, -6.9260, 15.3940

# Conversions

## Conversions Part 2

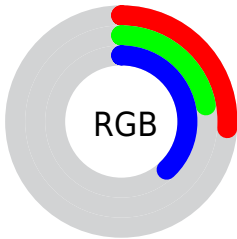
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 56, 98
Decimal	4405346
CIELab	26.46, 15.34, -23.19
CIELCh	26, 27.802, 303.487
Yxy	4.9035, 0.2577, 0.2130
Android (android.graphics.Color)	4282595426 (0xFF433862)
YUV	64.0770, 16.7240, 2.5635
Hunter-Lab	22.1438, 9.0781, -17.1354

# Details

The Hex color **433862** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **576238**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **746795**, and **150E33** is the 20% darker color. If you saturate the color by 10%, you get **3C2E62**, and if you desaturate by 10%, it is **4A4262**.

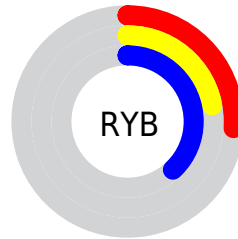
# Distribution



Red (26%)

Green (22%)

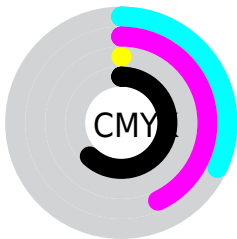
Blue (38%)



Red (26%)

Yellow (22%)

Blue (38%)

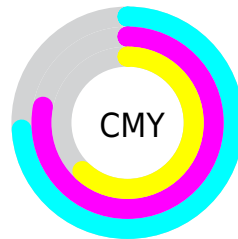


Cyan (32%)

Magenta (43%)

Yellow (0%)

Black (62%)



Cyan (74%)

Magenta (78%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 433862 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 433862 by changing the saturation by 10% instead.



■ 433862

■ 433862

FFFFFF

■ 2C224A

■ 746795

■ 150E33

■ 8E80B0

■ 00021E

■ A99ACB

■ 000000

■ C5B5E7

■ E1D1FF

■ FEDEFF

■ 433862

■ 433862

■ 3C2E62

■ 4A4262

■ 352462

■ 514C62

■ 2D1B62

■ 595562

■ 261162

■ 605F62

■ 1F0762

■ 676962

■ 1A0062

■ 6E7362

■ 767D62

■ 7D8662

■ 849062

# Harmonies

## Analogous

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



1A4069



433862



5A3052

# Triad

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



433862



593718



004940

# Complementary

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



433862



576238

# 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.



14482B



433862



483E12

# Square

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



433862



642F28



324419



004955

# Rectangle

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



433862



632C44



324419



004939



# Sweetspot

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



433862



736F80



385862



383640



BFBFBF



404040



# Same Dimension

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



433862



503E80



583862



2D2C30



1D0070



3F00F0



# Inverse Universe

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



623857



803E6E



436238



302C2F



700053



F000B1



# Previews

## White Background



This preview shows how the Hex color 433862 looks on a white background.

## Color Contrast Check

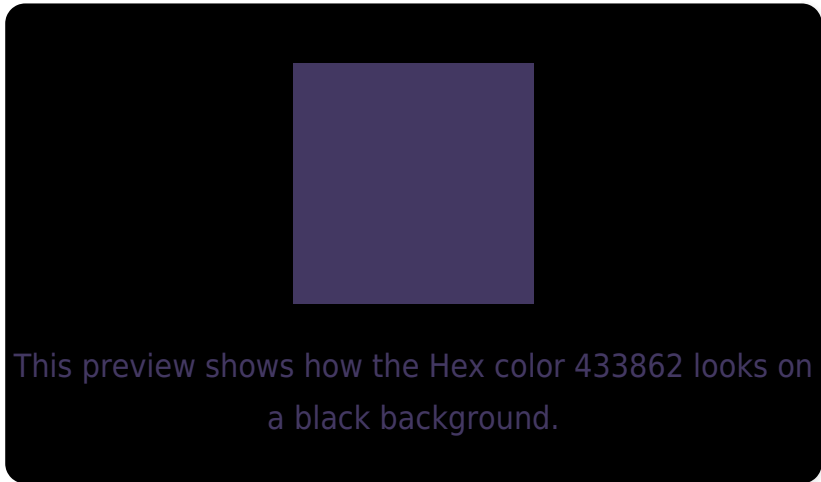
Large Text (above 18pt) WCAG AA ✓ Pass

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

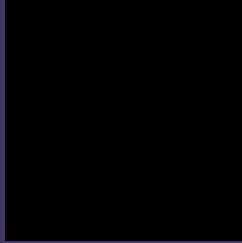
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 433862 Background



This preview shows how black text looks on a background with the Hex color 433862.



This preview shows how white text looks on a background with the Hex color 433862.

# 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**  
433862

**Protanopia**  
2E3D67

**Deuteranopia**  
2E3F61



**Tritanopia**  
3D3F44

# Trichromacy



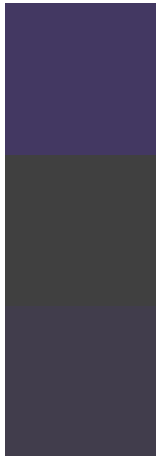
**Original Color**  
433862

**Protanomaly**  
363B65

**Deuteranomaly**  
363C61

**Tritanomaly**  
3F3C4F

# Monochromacy



**Original Color**  
433862

**Achromatopsia**  
404040

**Achromatomaly**  
413D4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 433862 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 #433862 looks like.

```
.text, #text, p{  
    color:#433862  
}
```

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 #433862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433862
}
```

## Border

The CSS property to change the border of an element to Hex 433862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

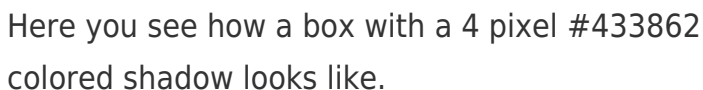
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433862 }
```

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

```
.border{ border-color:#433862 }
```

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



Here you see how a box with a 4 pixel #433862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433862; -webkit-box-shadow:4px 4px  
4px 4px #433862; box-shadow:4px 4px 4px  
4px #433862 }
```

# Background

The CSS property to change the background color of an element to Hex 433862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433862 }
```

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

```
.background{ background-color:#433862 }
```

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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