

# Converting Colors

Hex(432330)

Have a look what the booklet for  
Hex(432330) contains.

<b>Hex(432330)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(432330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	432330
RGB	67, 35, 48
RGB Percent	26%, 14%, 19%
CMY	0.7373, 0.8627, 0.8118
CMYK	0.00, 0.48, 0.28, 0.74
HSL	336°, 31%, 20%
HSV	336°, 48%, 26%
XYZ	3.4493, 2.6088, 3.1180
YIQ	46.0500, 14.8990, 10.8270

# Conversions

## Conversions Part 2

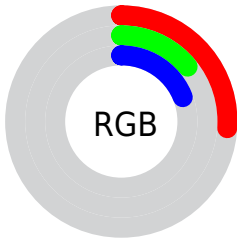
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 35, 48
Decimal	4399920
CIELab	18.40, 17.25, -1.87
CIELCh	18, 17.349, 353.805
Yxy	2.6088, 0.3759, 0.2843
Android (android.graphics.Color)	4282590000 (0xFF432330)
YUV	46.0500, 0.9614, 18.3732
Hunter-Lab	16.1516, 9.8543, -0.1397

# Details

The Hex color **432330** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **234336**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **74505E**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **431C2C**, and if you desaturate by 10%, it is **432A34**.

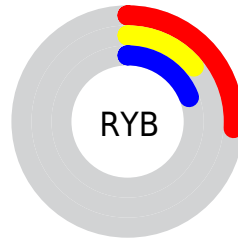
# Distribution



Red (26%)

Green (14%)

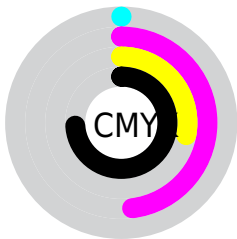
Blue (19%)



Red (26%)

Yellow (14%)

Blue (19%)

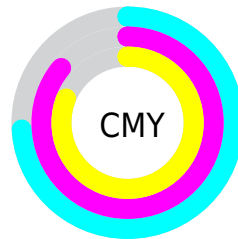


Cyan (0%)

Magenta (48%)

Yellow (28%)

Black (74%)



Cyan (74%)

Magenta (86%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 432330 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 432330 by changing the saturation by 10% instead.



■ 432330

■ 432330

FFFFFF

■ 2C0E1B

■ 74505E

■ 160000

■ 8E6977

■ 000000

■ A98290

■ C49CAB

■ E0B7C6

■ FDD3E2

■ FFEFFF

■ 432330

■ 432330

■ 431C2C

■ 432A34

■ 431628

■ 433038

■ 430F24

■ 43373C

■ 430820

■ 433E40

■ 43021C

■ 434544

■ 43001B

■ 434B48

■ 43524C

■ 435950

■ 435F54

# Harmonies

## Analogous

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



3A263C



432330



452323

# Triad

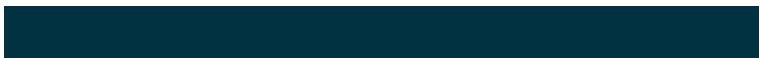
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



432330



2B2F15



003241

# Complementary

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



432330



234336

# 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.



003337



432330



1C321E

# Square

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



432330



372B14



08332A



142F46

# Rectangle

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



432330



42251C



08332A



00333E



# Sweetspot

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



432330



574B4F



362343



2B2427



ABABAB



2B2B2B



# Same Dimension

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



432330



572539



432623



211E1F



610027



E0005B



# Inverse Universe

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



432330



572539



234043



211E1F



610027

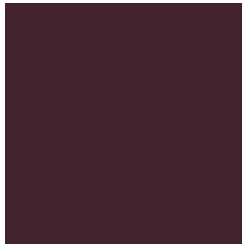


E0005B



# Previews

## White Background



This preview shows how the Hex color 432330 looks on a white background.

## Color Contrast Check

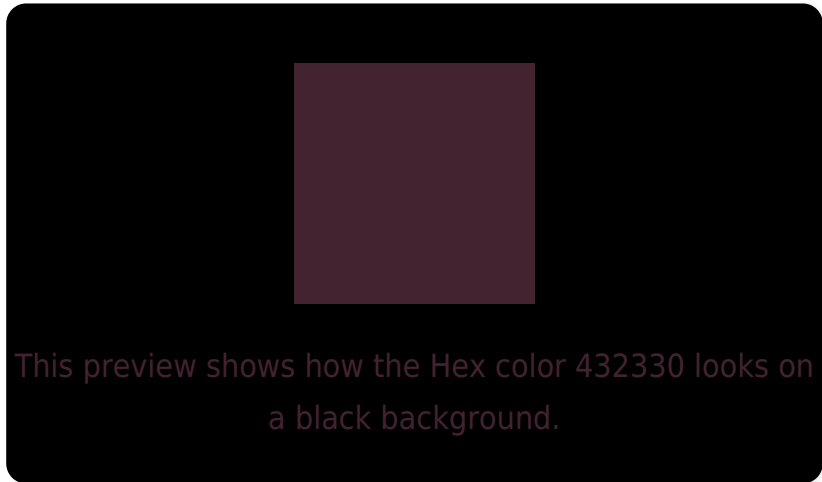
Large Text (above 18pt) WCAG AA ✓ Pass

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

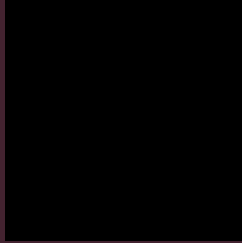
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 432330 Background



This preview shows how black text looks on a background with the Hex color 432330.

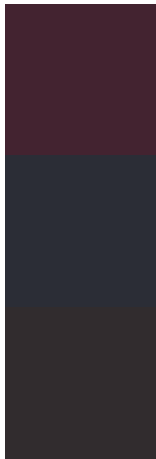


This preview shows how white text looks on a background with the Hex color 432330.

# 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**  
432330

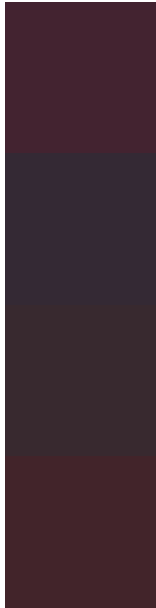
**Protanopia**  
2B2D36

**Deuteranopia**  
312C2E



**Tritanopia**  
422527

# Trichromacy



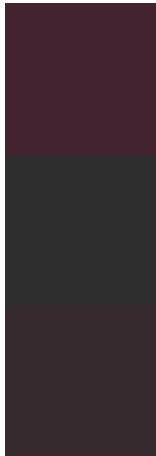
**Original Color**  
432330

**Protanomaly**  
342934

**Deuteranomaly**  
38292F

**Tritanomaly**  
42242A

# Monochromacy



**Original Color**  
432330

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
362A2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 432330 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 #432330 looks like.

```
.text, #text, p{  
    color:#432330  
}
```

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 #432330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #432330
}
```

## Border

The CSS property to change the border of an element to Hex 432330 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".

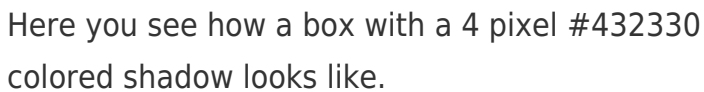
```
.border, #border, table{ border:4px solid
#432330 }
```

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

```
.border{ border-color:#432330 }
```

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

Here you see how a box with a 4 pixel #432330 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #432330; -webkit-box-shadow:4px 4px  
4px 4px #432330; box-shadow:4px 4px 4px  
4px #432330 }
```

# Background

The CSS property to change the background color of an element to Hex 432330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#432330 }
```

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

```
.background{ background-color:#432330 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor