

# Converting Colors

Hex(433444)

Have a look what the booklet for  
Hex(433444) contains.

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# Color

Hex(433444)

# Conversions

## Conversions Part 1

Format	Color
Hex	433444
RGB	67, 52, 68
RGB Percent	26%, 20%, 27%
CMY	0.7373, 0.7961, 0.7333
CMYK	0.01, 0.24, 0.00, 0.73
HSL	296°, 13%, 24%
HSV	296°, 24%, 27%
XYZ	4.5861, 4.0666, 6.0121
YIQ	58.3090, 3.8040, 8.1560

# Conversions

## Conversions Part 2

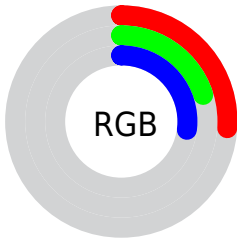
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 52, 68
Decimal	4404292
CIELab	23.89, 10.09, -7.38
CIELCh	24, 12.499, 323.802
Yxy	4.0666, 0.3127, 0.2773
Android (android.graphics.Color)	4282594372 (0xFF433444)
YUV	58.3090, 4.7777, 7.6220
Hunter-Lab	20.1659, 5.3041, -3.5600

# Details

The Hex color **433444** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **354434**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **736374**, and **190719** is the 20% darker color. If you saturate the color by 10%, you get **432D44**, and if you desaturate by 10%, it is **433B44**.

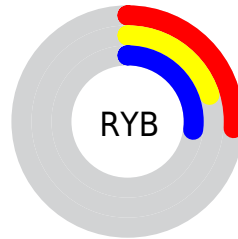
# Distribution



Red (26%)

Green (20%)

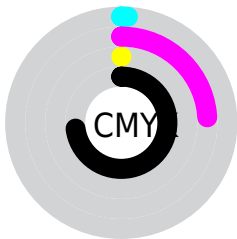
Blue (27%)



Red (26%)

Yellow (20%)

Blue (27%)

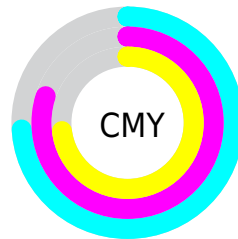


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (73%)



Cyan (74%)

Magenta (80%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 433444 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 433444 by changing the saturation by 10% instead.





433444



433444

FFFFFF



2D1F2E



736374



190719



8D7B8E



000000



A795A8



C2B0C3



DECBD F



FBE8FC



433444



433444



432D44



433B44

■ 422644

■ 444244

■ 422044

■ 444844

■ 411944

■ 454F44

■ 411244

■ 455644

■ 400B44

■ 465D44

■ 400444

■ 466444

■ 400044

■ 466A44

■ 477144

# Harmonies

## Analogous

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



38374A



433444



4A323B

# Triad

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



433444



413826



1D3E40

# Complementary

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



433444



354434

# 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.



233E36



433444



383B28

# Square

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



433444



49342A



2D3D2E



1F3D48

# Rectangle

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



433444



4C3235



2D3D2E



1E3E3D



# Sweetspot

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



433444



595359



343544



2E2A2E



ADADAD



2E2E2E



# Same Dimension

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



433444



584059



44343D



211E21



5B0061



D200E0



# Inverse Universe

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



443435



594042



34443B



211E1E



610006



E0000E



# Previews

## White Background



This preview shows how the Hex color 433444 looks on a white background.

## Color Contrast Check

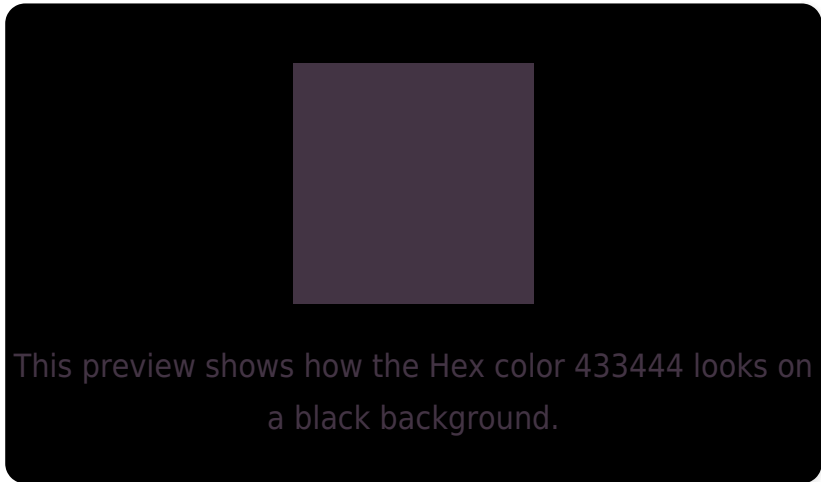
Large Text (above 18pt) WCAG AA ✓ Pass

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

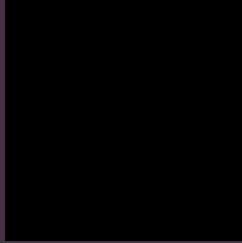
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 433444 Background



This preview shows how black text looks on a background with the Hex color 433444.



This preview shows how white text looks on a background with the Hex color 433444.

# 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](#).

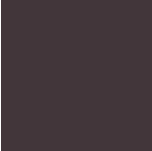
## Dichromacy



**Original Color**  
433444

**Protanopia**  
353847

**Deuteranopia**  
393843



**Tritanopia**  
42363A

# Trichromacy



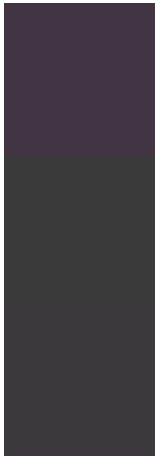
**Original Color**  
433444

**Protanomaly**  
3A3746

**Deuteranomaly**  
3D3743

**Tritanomaly**  
42353E

# Monochromacy



**Original Color**  
433444

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
3D383E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 433444 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 #433444 looks like.

```
.text, #text, p{  
    color:#433444  
}
```

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 #433444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433444
}
```

## Border

The CSS property to change the border of an element to Hex 433444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

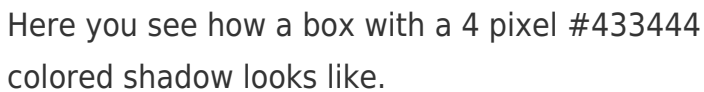
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433444 }
```

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

```
.border{ border-color:#433444 }
```

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



Here you see how a box with a 4 pixel #433444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433444; -webkit-box-shadow:4px 4px  
4px 4px #433444; box-shadow:4px 4px 4px  
4px #433444 }
```

# Background

The CSS property to change the background color of an element to Hex 433444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433444 }
```

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

```
.background{ background-color:#433444 }
```

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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