

Converting Colors

Hex(433348)

Have a look what the booklet for
Hex(433348) contains.

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Color

Hex(433348)

Conversions

Conversions Part 1

Format	Color
Hex	433348
RGB	67, 51, 72
RGB Percent	26%, 20%, 28%
CMY	0.7373, 0.8000, 0.7176
CMYK	0.07, 0.29, 0.00, 0.72
HSL	286°, 17%, 24%
HSV	286°, 29%, 28%
XYZ	4.6683, 4.0288, 6.6625
YIQ	58.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

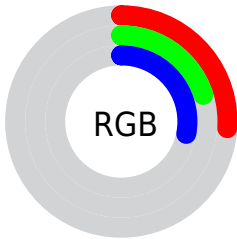
Format	Color
RYB	67, 51, 72
Decimal	4404040
CIELab	23.77, 11.70, -10.25
CIELCh	24, 15.555, 318.787
Yxy	4.0288, 0.3039, 0.2623
Android (android.graphics.Color)	4282594120 (0xFF433348)
YUV	58.1780, 6.8142, 7.7369
Hunter-Lab	20.0719, 6.3891, -5.6298

Details

The Hex color **433348** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **384833**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **736279**, and **19061D** is the 20% darker color. If you saturate the color by 10%, you get **412C48**, and if you desaturate by 10%, it is **453A48**.

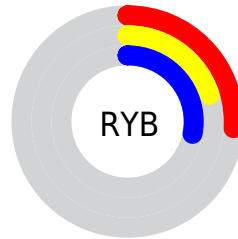
Distribution



Red (26%)

Green (20%)

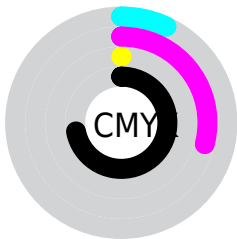
Blue (28%)



Red (26%)

Yellow (20%)

Blue (28%)

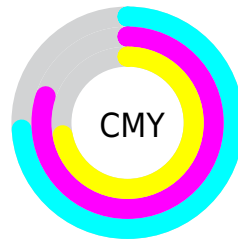


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (72%)



Cyan (74%)

Magenta (80%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433348 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 433348 by changing the saturation by 10% instead.

■ 433348

■ 433348

FFFFFF

■ 2D1E31

■ 736279

■ 19061D

■ 8D7A92

■ 000000

■ A794AD

■ C3AFC8

■ DFCAE4

■ FBE6FF

■ 433348

■ 433348

■ 412C48

■ 453A48

■ 402548

■ 464148

■ 3E1D48

■ 484948

■ 3C1648

■ 4A5048

■ 3A0F48

■ 4C5748

■ 390848

■ 4D5E48

■ 370148

■ 4F6548

■ 370048

■ 516D48

■ 527448

Harmonies

Analogous

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



34374F



433348



4D303D

Triad

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



433348



443622



113F40

Complementary

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



433348



384833

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.



1E3F34



433348



393A22

Square

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



433348



4D3228



2C3D29



123E4A

Rectangle

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



433348



4F3036



2C3D29



153F3C

Sweetspot

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



433348



5C565E



333848



2F2B30



B0B0B0



303030

Same Dimension

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



433348



563D5E



483343



232024



4C0063



AD00E3

Inverse Universe

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



483338



5E3D45



334838



242021



630018



E30036

Previews

White Background



This preview shows how the Hex color 433348 looks on a white background.

Color Contrast Check

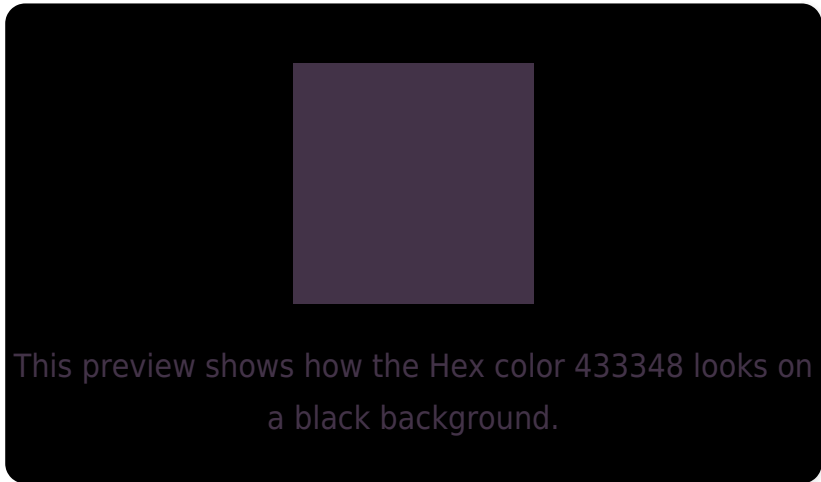
Large Text (above 18pt) WCAG AA ✓ Pass

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

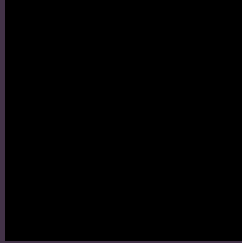
Any Text WCAG AA × Fail

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 433348 Background



This preview shows how black text looks on a background with the Hex color 433348.

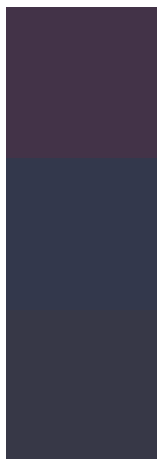


This preview shows how white text looks on a background with the Hex color 433348.

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](#).

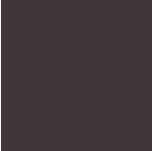
Dichromacy



Original Color
433348

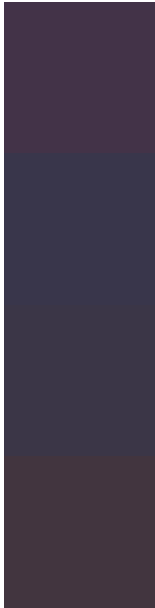
Protanopia
33384C

Deuteranopia
373847



Tritanopia
41363A

Trichromacy



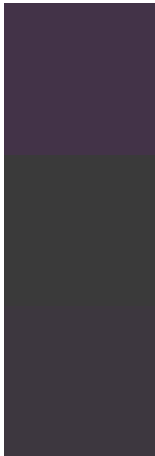
Original Color
433348

Protanomaly
39364B

Deuteranomaly
3B3647

Tritanomaly
42353F

Monochromacy



Original Color
433348

Achromatopsia
3A3A3A

Achromatomaly
3D373F

CSS Examples

Text

The CSS property to change the color of the text to Hex 433348 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 #433348 looks like.

```
.text, #text, p{  
    color:#433348  
}
```

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 #433348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433348
}
```

Border

The CSS property to change the border of an element to Hex 433348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

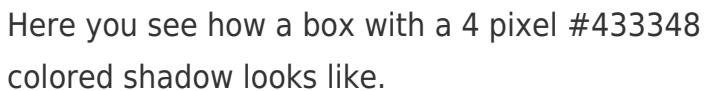
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433348 }
```

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

```
.border{ border-color:#433348 }
```

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



Here you see how a box with a 4 pixel #433348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433348; -webkit-box-shadow:4px 4px  
4px 4px #433348; box-shadow:4px 4px 4px  
4px #433348 }
```

Background

The CSS property to change the background color of an element to Hex 433348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433348 }
```

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

```
.background{ background-color:#433348 }
```

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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