

Converting Colors

Hex(433553)

Have a look what the booklet for
Hex(433553) contains.

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Color

Hex(433553)

Conversions

Conversions Part 1

Format	Color
Hex	433553
RGB	67, 53, 83
RGB Percent	26%, 21%, 33%
CMY	0.7373, 0.7922, 0.6745
CMYK	0.19, 0.36, 0.00, 0.67
HSL	268°, 22%, 27%
HSV	268°, 36%, 33%
XYZ	5.1492, 4.3640, 8.7546
YIQ	60.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

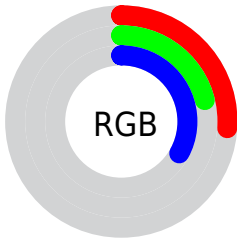
Format	Color
RYB	67, 53, 83
Decimal	4404563
CIELab	24.84, 13.16, -15.91
CIELCh	25, 20.644, 309.593
Yxy	4.3640, 0.2819, 0.2389
Android (android.graphics.Color)	4282594643 (0xFF433553)
YUV	60.6060, 11.0402, 5.6075
Hunter-Lab	20.8903, 7.4399, -10.2237

Details

The Hex color **433553** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **455335**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **746485**, and **180926** is the 20% darker color. If you saturate the color by 10%, you get **3F2D53**, and if you desaturate by 10%, it is **473D53**.

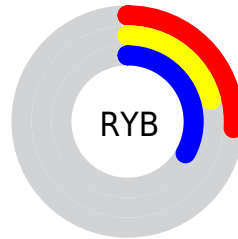
Distribution



 Red (26%)

 Green (21%)

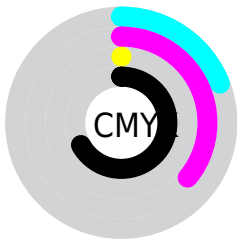
 Blue (33%)



 Red (26%)

 Yellow (21%)

 Blue (33%)

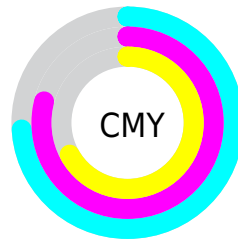


 Cyan (19%)

 Magenta (36%)

 Yellow (0%)

 Black (67%)



 Cyan (74%)

 Magenta (79%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433553 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 433553 by changing the saturation by 10% instead.

■ 433553

■ 433553

FFFFFF

■ 2C203C

■ 746485

■ 180926

■ 8D7D9F

■ 000110

■ A897BA

■ 000000

■ C3B1D6

■ DFCDF2

■ FCE9FF

■ 433553

■ 433553

■ 3F2D53

■ 473D53

■ 3A2453

■ 4C4653

■ 361C53

■ 504E53

■ 311453

■ 555653

■ 2D0B53

■ 595E53

■ 280353

■ 5E6753

■ 270053

■ 626F53

■ 667753

■ 6B8053

Harmonies

Analogous

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



2B3B5A



433553



523046

Triad

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



433553



4E361E



004340

Complementary

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



433553



455335

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.



1A4230



433553



403C1C

Square

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



433553



573128



2F4022



00424E

Rectangle

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



433553



582E3C



2F4022



06433A

Sweetspot

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



433553



655F6B



354553



322F36



B5B5B5



363636

Same Dimension

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



433553



533D6B



523553



272529



310069



6C00E8

Inverse Universe

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



533545



6B3D56



365335



292527



690038



E8007C

Previews

White Background



This preview shows how the Hex color 433553 looks on a white background.

Color Contrast Check

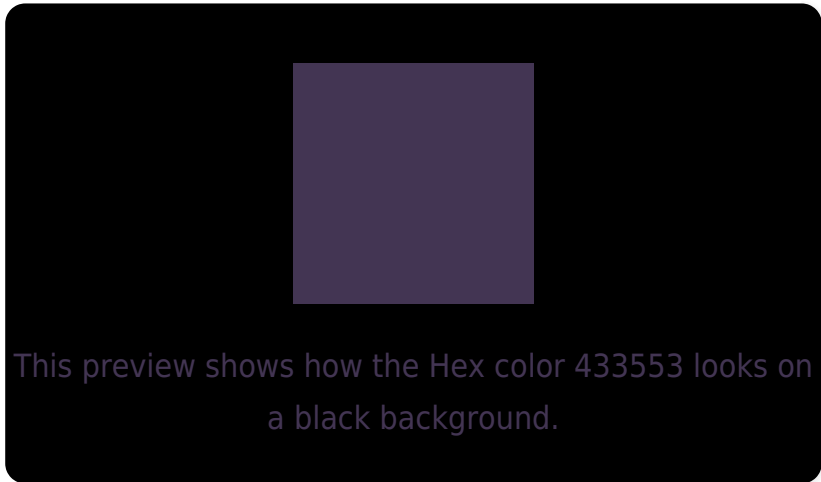
Large Text (above 18pt) WCAG AA ✓ Pass

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

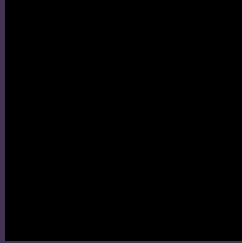
Any Text WCAG AA × Fail

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 433553 Background



This preview shows how black text looks on a background with the Hex color 433553.

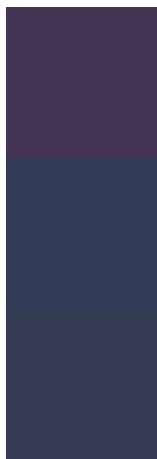


This preview shows how white text looks on a background with the Hex color 433553.

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
433553

Protanopia
313A57

Deuteranopia
343A52



Tritanopia
3F393E

Trichromacy



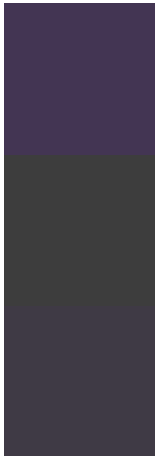
Original Color
433553

Protanomaly
383856

Deuteranomaly
393852

Tritanomaly
403846

Monochromacy



Original Color
433553

Achromatopsia
3D3D3D

Achromatomaly
3F3A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 433553 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 #433553 looks like.

```
.text, #text, p{  
    color:#433553  
}
```

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 #433553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433553
}
```

Border

The CSS property to change the border of an element to Hex 433553 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
#433553 }
```

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

```
.border{ border-color:#433553 }
```

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

Here you see how a box with a 4 pixel #433553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433553; -webkit-box-shadow:4px 4px  
4px 4px #433553; box-shadow:4px 4px 4px  
4px #433553 }
```

Background

The CSS property to change the background color of an element to Hex 433553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433553 }
```

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

```
.background{ background-color:#433553 }
```

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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