

Converting Colors

Hex(433155)

Have a look what the booklet for
Hex(433155) contains.

Hex(433155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(433155)

Conversions

Conversions Part 1

Format	Color
Hex	433155
RGB	67, 49, 85
RGB Percent	26%, 19%, 33%
CMY	0.7373, 0.8078, 0.6667
CMYK	0.21, 0.42, 0.00, 0.67
HSL	270°, 27%, 26%
HSV	270°, 42%, 33%
XYZ	5.0527, 4.0458, 9.1089
YIQ	58.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

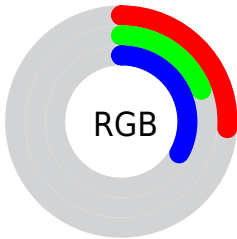
Format	Color
RYB	67, 49, 85
Decimal	4403541
CIELab	23.82, 16.36, -18.81
CIELCh	24, 24.928, 311.005
Yxy	4.0458, 0.2775, 0.2222
Android (android.graphics.Color)	4282593621 (0xFF433155)
YUV	58.4860, 13.0714, 7.4668
Hunter-Lab	20.1142, 9.6400, -12.7703

Details

The Hex color **433155** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **435531**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **745F87**, and **180328** is the 20% darker color. If you saturate the color by 10%, you get **3F2955**, and if you desaturate by 10%, it is **473955**.

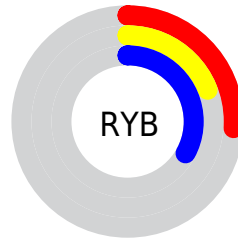
Distribution



Red (26%)

Green (19%)

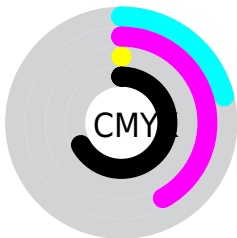
Blue (33%)



Red (26%)

Yellow (19%)

Blue (33%)

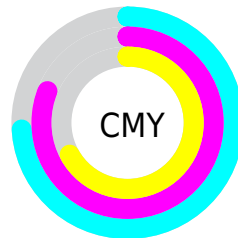


Cyan (21%)

Magenta (42%)

Yellow (0%)

Black (67%)



Cyan (74%)

Magenta (81%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433155 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 433155 by changing the saturation by 10% instead.

■ 433155

■ 433155

FFFFFF

■ 2C1C3E

■ 745F87

■ 180328

■ 8E78A1

■ 000112

■ A892BC

■ 000000

■ C4ADD8

■ E0C8F5

■ FCE4FF

■ 433155

■ 433155

■ 3F2955

■ 473955

■ 3A2055

■ 4B4255

■ 361855

■ 504A55

■ 320F55

■ 545355

■ 2E0755

■ 585C55

■ 2A0055

■ 5D6455

■ 616C55

■ 657555

■ 697D55

Harmonies

Analogous

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



25385D



433155



552A45

Triad

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



433155



4D3315



00423F

Complementary

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



433155



435531

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.



09412C



433155



3D3A12

Square

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



433155



582D21



283F1B



004151

Rectangle

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



433155



5A2939



283F1B



004239

Sweetspot

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



433155



675F6E



314355



342F38



B8B8B8



383838

Same Dimension

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



433155



52366E



553155



29272B



36006B



7500EB

Inverse Universe

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



553143



6E3652



315531



2B2729



6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 433155 looks on a white background.

Color Contrast Check

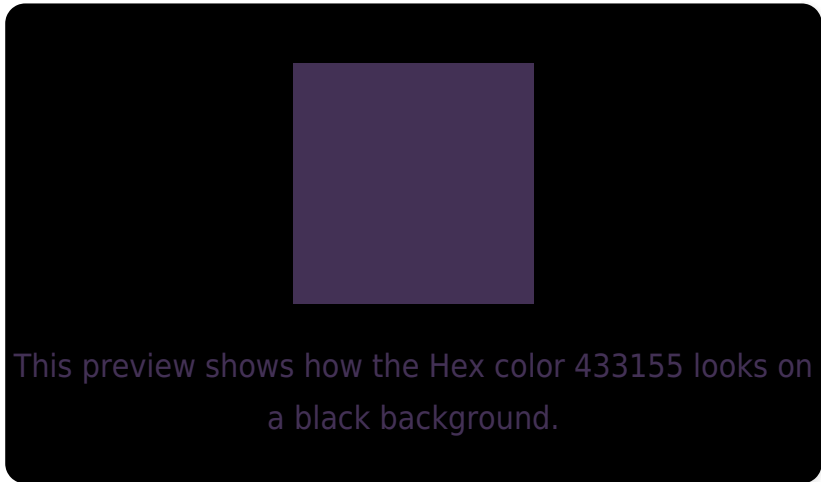
Large Text (above 18pt) WCAG AA ✓ Pass

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

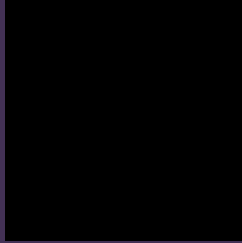
Any Text WCAG AA × Fail

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 433155 Background



This preview shows how black text looks on a background with the Hex color 433155.



This preview shows how white text looks on a background with the Hex color 433155.

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
433155

Protanopia
2C385B

Deuteranopia
2E3953



Tritanopia
3F373B

Trichromacy



Original Color
433155

Protanomaly
343559

Deuteranomaly
363654

Tritanomaly
403544

Monochromacy



Original Color
433155

Achromatopsia
3A3A3A

Achromatomaly
3D3744

CSS Examples

Text

The CSS property to change the color of the text to Hex 433155 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 #433155 looks like.

```
.text, #text, p{  
    color:#433155  
}
```

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 #433155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433155
}
```

Border

The CSS property to change the border of an element to Hex 433155 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
#433155 }
```

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

```
.border{ border-color:#433155 }
```

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

Here you see how a box with a 4 pixel #433155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433155; -webkit-box-shadow:4px 4px  
4px 4px #433155; box-shadow:4px 4px 4px  
4px #433155 }
```

Background

The CSS property to change the background color of an element to Hex 433155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433155 }
```

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

```
.background{ background-color:#433155 }
```

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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