

Converting Colors

Hex(463149)

Have a look what the booklet for
Hex(463149) contains.

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Color

Hex(463149)

Conversions

Conversions Part 1

Format	Color
Hex	463149
RGB	70, 49, 73
RGB Percent	27%, 19%, 29%
CMY	0.7255, 0.8078, 0.7137
CMYK	0.04, 0.33, 0.00, 0.71
HSL	292°, 20%, 24%
HSV	292°, 33%, 29%
XYZ	4.8267, 3.9798, 6.8171
YIQ	58.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

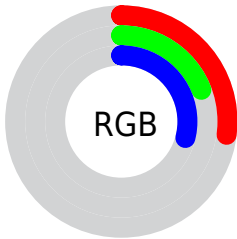
Format	Color
R_{YB}	70, 49, 73
Decimal	4600137
CIE Lab	23.60, 14.45, -11.13
CIE LCh	24, 18.240, 322.385
Yxy	3.9798, 0.3089, 0.2547
Android (android.graphics.Color)	4282790217 (0xFF463149)
YUV	58.0150, 7.3876, 10.5108
Hunter-Lab	19.9493, 8.2764, -6.2961

Details

The Hex color **463149** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **344931**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **775F7A**, and **1C031E** is the 20% darker color. If you saturate the color by 10%, you get **452A49**, and if you desaturate by 10%, it is **473849**.

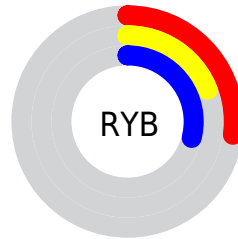
Distribution



Red (27%)

Green (19%)

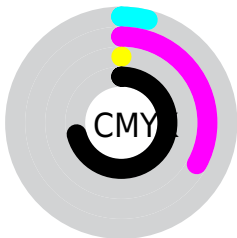
Blue (29%)



Red (27%)

Yellow (19%)

Blue (29%)

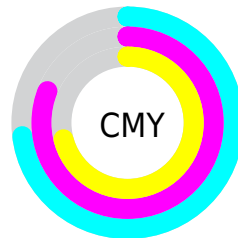


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (71%)



Cyan (73%)

Magenta (81%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463149 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 463149 by changing the saturation by 10% instead.



463149



463149

FFFFFF



2F1C32



775F7A



1C031E



917893



000000



AB92AE



C7ADC9



E3C8E6



FFE4FF



463149



463149



452A49



473849

■ 442249

■ 484049

■ 431B49

■ 494749

■ 421449

■ 4A4E49

■ 410D49

■ 4B5649

■ 410549

■ 4B5D49

■ 400049

■ 4C6449

■ 4D6B49

■ 4E7349

Harmonies

Analogous

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



353651



463149



502E3C

Triad

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



463149



44361D



003F42

Complementary

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



463149



344931

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.



143F34



463149



373B1E

Square

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



463149



4E3123



273E27



023E4D

Rectangle

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



463149



532E33



273E27



043F3E

Sweetspot

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



463149



5D555E



313449



302B30



B0B0B0



303030

Same Dimension

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



463149



5A3A5E



493140



232024



570063



C700E3

Inverse Universe

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



493134



5E3A3E



31493A



242021



63000C



E3001C

Previews

White Background



This preview shows how the Hex color 463149 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

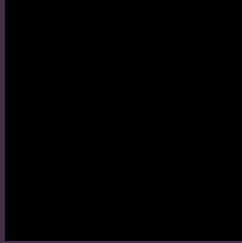
Any Text WCAG AA × Fail

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 463149 Background



This preview shows how black text looks on a background with the Hex color 463149.



This preview shows how white text looks on a background with the Hex color 463149.

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](#).

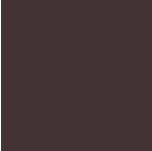
Dichromacy



Original Color
463149

Protanopia
32384E

Deuteranopia
363748



Tritanopia
443438

Trichromacy



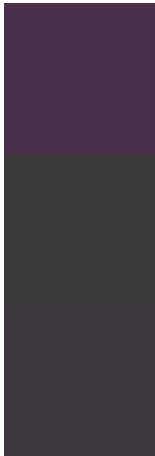
Original Color
463149

Protanomaly
39354C

Deuteranomaly
3C3548

Tritanomaly
45333E

Monochromacy



Original Color
463149

Achromatopsia
3A3A3A

Achromatomaly
3E373F

CSS Examples

Text

The CSS property to change the color of the text to Hex 463149 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 #463149 looks like.

```
.text, #text, p{  
    color:#463149  
}
```

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 #463149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463149
}
```

Border

The CSS property to change the border of an element to Hex 463149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

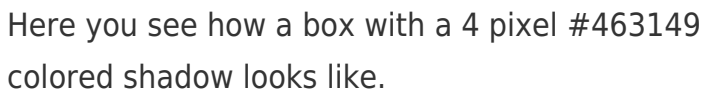
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463149 }
```

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

```
.border{ border-color:#463149 }
```

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



Here you see how a box with a 4 pixel #463149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463149; -webkit-box-shadow:4px 4px  
4px 4px #463149; box-shadow:4px 4px 4px  
4px #463149 }
```

Background

The CSS property to change the background color of an element to Hex 463149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463149 }
```

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

```
.background{ background-color:#463149 }
```

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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