

Converting Colors

Hex(463948)

Have a look what the booklet for
Hex(463948) contains.

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Color

Hex(463948)

Conversions

Conversions Part 1

Format	Color
Hex	463948
RGB	70, 57, 72
RGB Percent	27%, 22%, 28%
CMY	0.7255, 0.7765, 0.7176
CMYK	0.03, 0.21, 0.00, 0.72
HSL	292°, 12%, 25%
HSV	292°, 21%, 28%
XYZ	5.1586, 4.6962, 6.7655
YIQ	62.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

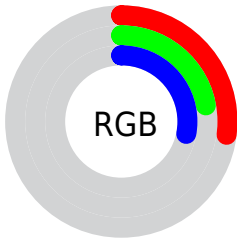
Format	Color
R_{YB}	70, 57, 72
Decimal	4602184
CIE Lab	25.85, 8.91, -7.06
CIE LCh	26, 11.371, 321.630
Yxy	4.6962, 0.3104, 0.2826
Android (android.graphics.Color)	4282792264 (0xFF463948)
YUV	62.5970, 4.6357, 6.4924
Hunter-Lab	21.6708, 4.5671, -3.3404

Details

The Hex color **463948** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B4839**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **766878**, and **1B0F1D** is the 20% darker color. If you saturate the color by 10%, you get **453248**, and if you desaturate by 10%, it is **474048**.

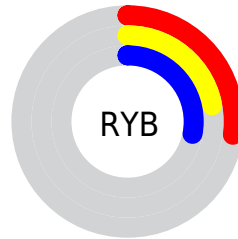
Distribution



Red (27%)

Green (22%)

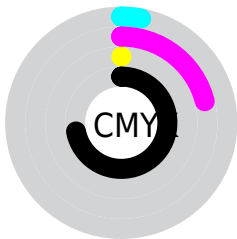
Blue (28%)



Red (27%)

Yellow (22%)

Blue (28%)

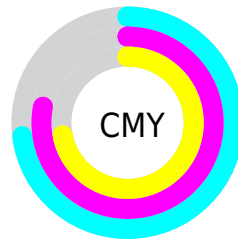


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (72%)



Cyan (73%)

Magenta (78%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463948 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 463948 by changing the saturation by 10% instead.



463948



463948

FFFFFF



302332



766878



1B0F1D



908192



000000



AB9BAD



C6B6C8



E2D2E4



FFEEFF



463948



463948



453248



474048

■ 442B48

■ 484748

■ 432348

■ 494F48

■ 421C48

■ 4A5648

■ 411548

■ 4B5D48

■ 400E48

■ 4C6448

■ 3F0748

■ 4D6B48

■ 3E0048

■ 4E7348

■ 4F7A48

Harmonies

Analogous

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



3B3C4D



463948



4D3740

Triad

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



463948



463C2C



254243

Complementary

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



463948



3B4839

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.



2A423A



463948



3D3F2D

Square

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



463948



4C3930



334132



27414A

Rectangle

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



463948



4F373A



334132



264240

Sweetspot

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



463948



5E595E



393B48



302D30



B0B0B0



303030

Same Dimension

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



463948



5B475E



483942



232024



560063



C500E3

Inverse Universe

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



48393B



5E474A



39483F



242021



63000D



E3001E

Previews

White Background



This preview shows how the Hex color 463948 looks on a white background.

Color Contrast Check

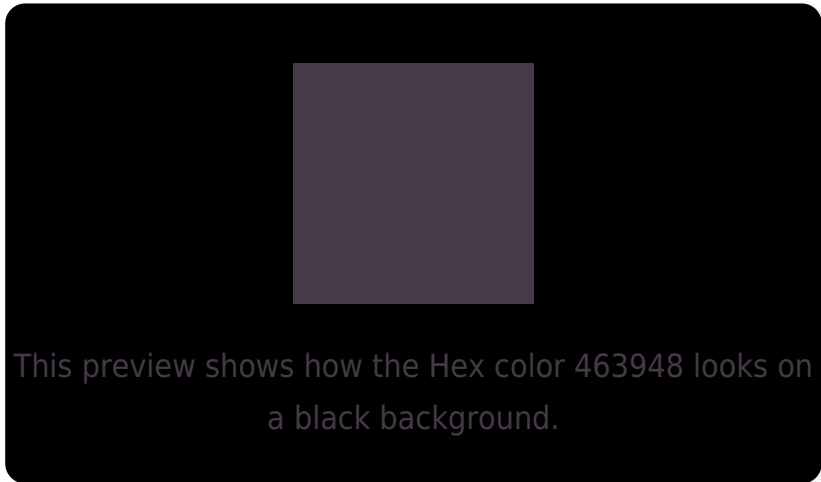
Large Text (above 18pt) WCAG AA ✓ Pass

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

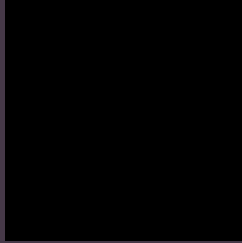
Any Text WCAG AA × Fail

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 463948 Background



This preview shows how black text looks on a background with the Hex color 463948.



This preview shows how white text looks on a background with the Hex color 463948.

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
463948

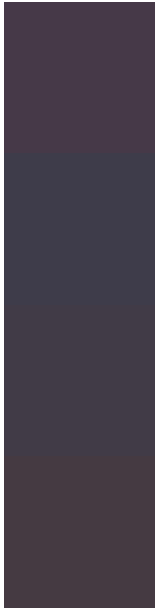
Protanopia
3A3D4B

Deuteranopia
3E3C47



Tritanopia
453B3F

Trichromacy



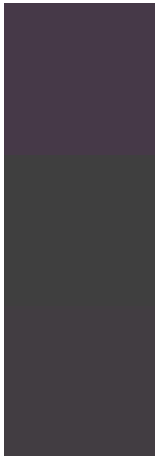
Original Color
463948

Protanomaly
3E3C4A

Deuteranomaly
413B47

Tritanomaly
453A42

Monochromacy



Original Color
463948

Achromatopsia
3F3F3F

Achromatomaly
423D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 463948 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 #463948 looks like.

```
.text, #text, p{  
    color:#463948  
}
```

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 #463948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463948  
}
```

Border

The CSS property to change the border of an element to Hex 463948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

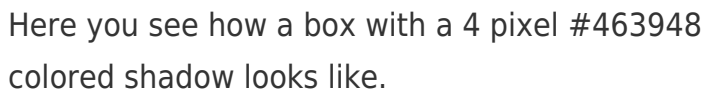
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#463948 }
```

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

```
.border{ border-color:#463948 }
```

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



Here you see how a box with a 4 pixel #463948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463948; -webkit-box-shadow:4px 4px  
4px 4px #463948; box-shadow:4px 4px 4px  
4px #463948 }
```

Background

The CSS property to change the background color of an element to Hex 463948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463948 }
```

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

```
.background{ background-color:#463948 }
```

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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