

Converting Colors

Hex(463746)

Have a look what the booklet for
Hex(463746) contains.

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Color

Hex(463746)

Conversions

Conversions Part 1

Format	Color
Hex	463746
RGB	70, 55, 70
RGB Percent	27%, 22%, 27%
CMY	0.7255, 0.7843, 0.7255
CMYK	0.00, 0.21, 0.00, 0.73
HSL	300°, 12%, 25%
HSV	300°, 21%, 27%
XYZ	4.9975, 4.4767, 6.3950
YIQ	61.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

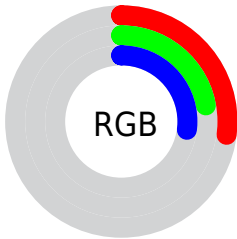
Format	Color
R_{YB}	70, 55, 70
Decimal	4601670
CIE Lab	25.19, 9.78, -6.73
CIE LCh	25, 11.870, 325.473
Yxy	4.4767, 0.3149, 0.2821
Android (android.graphics.Color)	4282791750 (0xFF463746)
YUV	61.1950, 4.3409, 7.7220
Hunter-Lab	21.1581, 5.1343, -3.1097

Details

The Hex color **463746** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **374637**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **766676**, and **1B0C1B** is the 20% darker color. If you saturate the color by 10%, you get **463046**, and if you desaturate by 10%, it is **463E46**.

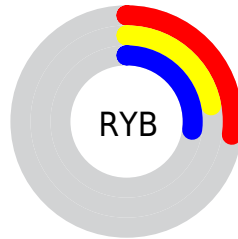
Distribution



Red (27%)

Green (22%)

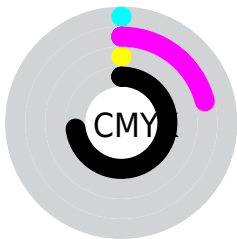
Blue (27%)



Red (27%)

Yellow (22%)

Blue (27%)

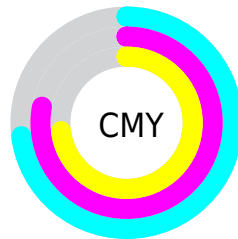


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (78%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463746 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 463746 by changing the saturation by 10% instead.

■ 463746

■ 463746

FFFFFF

■ 302230

■ 766676

■ 1B0C1B

■ 907F90

■ 000000

■ AB99AA

■ C6B4C6

■ E2CFE2

■ FFE2FE

■ 463746

■ 463746

■ 463046

■ 463E46

■ 462946

■ 464546

■ 462246

■ 464C46

■ 461B46

■ 465346

■ 461446

■ 465A46

■ 460D46

■ 466146

■ 460646

■ 466846

■ 460046

■ 466F46

■ 467646

Harmonies

Analogous

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



3B3A4C



463746



4D353D

Triad

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



463746



443B2A



224143

Complementary

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



463746



374637

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.



27413A



463746



3A3E2B

Square

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



463746



4B382D



304031



253F4A

Rectangle

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



463746



4E3537



304031



224140

Sweetspot

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



463746



5C565C



373746



2E2B2E



ADADAD



2E2E2E

Same Dimension

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



463746



5C445C



46373F



242024



630063



E300E3

Inverse Universe

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



463746



5C445C



37463F



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 463746 looks on a white background.

Color Contrast Check

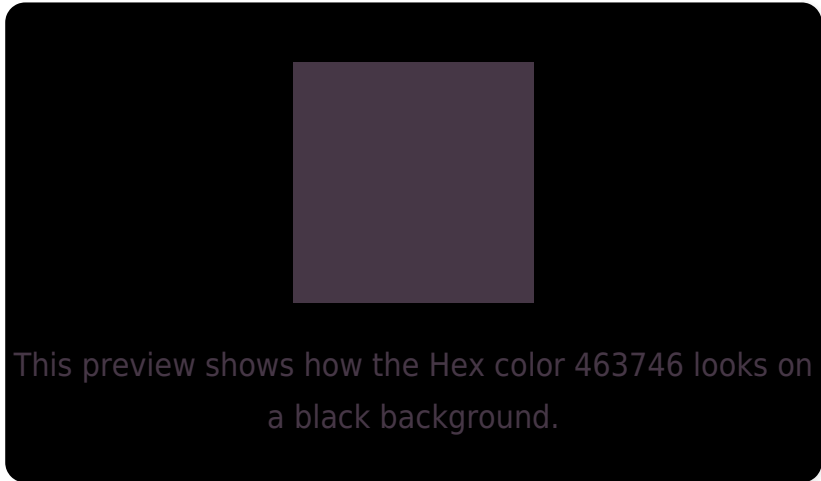
Large Text (above 18pt) WCAG AA ✓ Pass

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

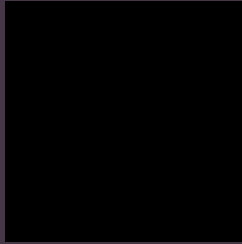
Any Text WCAG AA × Fail

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 463746 Background



This preview shows how black text looks on a background with the Hex color 463746.



This preview shows how white text looks on a background with the Hex color 463746.

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](#).

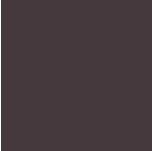
Dichromacy



Original Color
463746

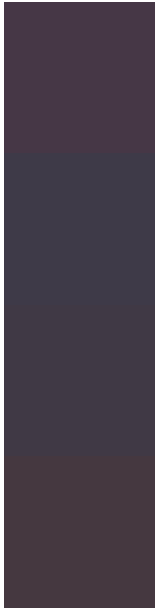
Protanopia
393B49

Deuteranopia
3D3A45



Tritanopia
45393D

Trichromacy



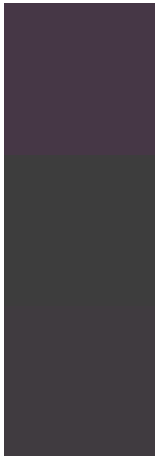
Original Color
463746

Protanomaly
3E3A48

Deuteranomaly
403945

Tritanomaly
453840

Monochromacy



Original Color
463746

Achromatopsia
3D3D3D

Achromatomaly
403B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 463746 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 #463746 looks like.

```
.text, #text, p{  
    color:#463746  
}
```

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 #463746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463746
}
```

Border

The CSS property to change the border of an element to Hex 463746 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".

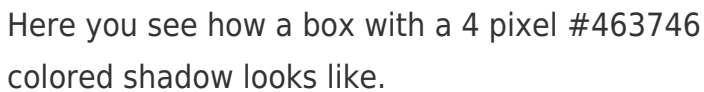
```
.border, #border, table{ border:4px solid
#463746 }
```

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

```
.border{ border-color:#463746 }
```

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

Here you see how a box with a 4 pixel #463746 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463746; -webkit-box-shadow:4px 4px  
4px 4px #463746; box-shadow:4px 4px 4px  
4px #463746 }
```

Background

The CSS property to change the background color of an element to Hex 463746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463746 }
```

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

```
.background{ background-color:#463746 }
```

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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