

Converting Colors

Hex(463426)

Have a look what the booklet for
Hex(463426) contains.

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Color

Hex(463426)

Conversions

Conversions Part 1

Format	Color
Hex	463426
RGB	70, 52, 38
RGB Percent	27%, 20%, 15%
CMY	0.7255, 0.7961, 0.8510
CMYK	0.00, 0.26, 0.46, 0.73
HSL	26°, 30%, 21%
HSV	26°, 46%, 27%
XYZ	4.1036, 3.8980, 2.3698
YIQ	55.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

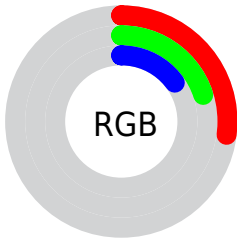
Format	Color
R_YB	70, 63, 38
Decimal	4600870
CIE Lab	23.33, 5.88, 11.97
CIE LCh	23, 13.336, 63.862
Yxy	3.8980, 0.3957, 0.3758
Android (android.graphics.Color)	4282790950 (0xFF463426)
YUV	55.7860, -8.7685, 12.4657
Hunter-Lab	19.7434, 2.5500, 6.7037

Details

The Hex color **463426** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **263846**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **776253**, and **1A0700** is the 20% darker color. If you saturate the color by 10%, you get **46301F**, and if you desaturate by 10%, it is **46382D**.

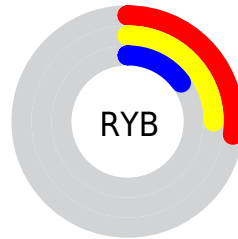
Distribution



Red (27%)

Green (20%)

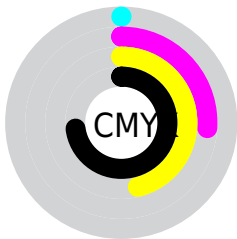
Blue (15%)



Red (27%)

Yellow (25%)

Blue (15%)

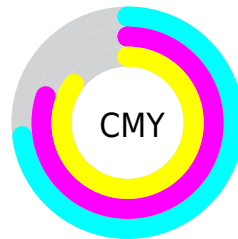


Cyan (0%)

Magenta (26%)

Yellow (46%)

Black (73%)



Cyan (73%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463426 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 463426 by changing the saturation by 10% instead.



463426



463426

FFFFFF



2F1F11



776253



1A0700



917B6B



000000



AC9584



C8B09F



E4CBB9



FFE7D5



FFFFF2



463426



463426

■ 46301F

■ 46382D

■ 462C18

■ 463C34

■ 462811

■ 46403B

■ 46240A

■ 464442

■ 462003

■ 464849

■ 461F00

■ 464C50

■ 465057

■ 46545E

■ 465765

Harmonies

Analogous

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



4B312D



463426



3D3724

Triad

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



463426



1D3D39



3B3548

Complementary

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



463426



263846

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.



2D384B



463426



183D42

Square

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



463426



273C2F



1F3B49



453241

Rectangle

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



463426



363925



1F3B49



36364A

Sweetspot

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



463426



5C554F



462638



2E2A26



ADADAD



2E2E2E

Same Dimension

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



463426



5C3F29



464426



242220



632C00



E36300

Inverse Universe

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



263846



29465C



262846



202224



003863



0080E3

Previews

White Background



This preview shows how the Hex color 463426 looks on a white background.

Color Contrast Check

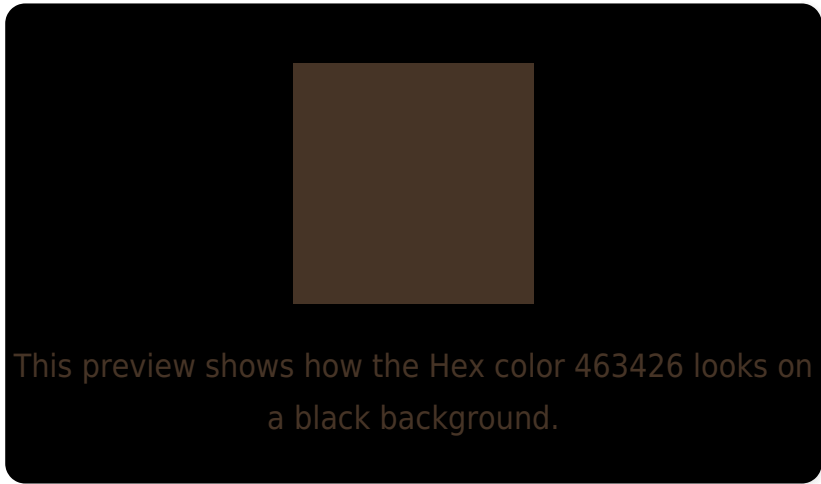
Large Text (above 18pt) WCAG AA ✓ Pass

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

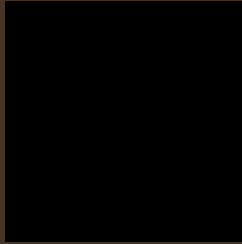
Any Text WCAG AA × Fail

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 463426 Background



This preview shows how black text looks on a background with the Hex color 463426.

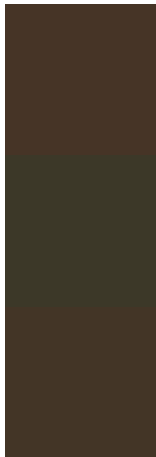


This preview shows how white text looks on a background with the Hex color 463426.

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](#).

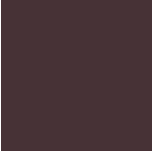
Dichromacy



Original Color
463426

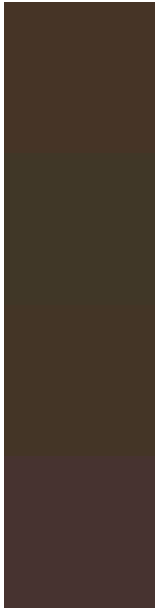
Protanopia
3C3828

Deuteranopia
433526



Tritanopia
473236

Trichromacy



Original Color
463426

Protanomaly
403727

Deuteranomaly
443526

Tritanomaly
473330

Monochromacy



Original Color
463426

Achromatopsia
383838

Achromatomaly
3D3731

CSS Examples

Text

The CSS property to change the color of the text to Hex 463426 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 #463426 looks like.

```
.text, #text, p{  
    color:#463426  
}
```

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 #463426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463426
}
```

Border

The CSS property to change the border of an element to Hex 463426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

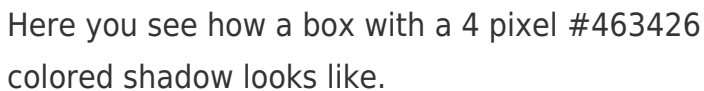
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463426 }
```

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

```
.border{ border-color:#463426 }
```

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



Here you see how a box with a 4 pixel #463426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463426; -webkit-box-shadow:4px 4px  
4px 4px #463426; box-shadow:4px 4px 4px  
4px #463426 }
```

Background

The CSS property to change the background color of an element to Hex 463426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463426 }
```

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

```
.background{ background-color:#463426 }
```

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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