

Converting Colors

Hex(463B03)

Have a look what the booklet for
Hex(463B03) contains.

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Color

Hex(463B03)

Conversions

Conversions Part 1

Format	Color
Hex	463B03
RGB	70, 59, 3
RGB Percent	27%, 23%, 1%
CMY	0.7255, 0.7686, 0.9882
CMYK	0.00, 0.16, 0.96, 0.73
HSL	50°, 92%, 14%
HSV	50°, 96%, 27%
XYZ	4.1062, 4.4366, 0.7261
YIQ	55.9050, 24.5320, -15.0840

Conversions

Conversions Part 2

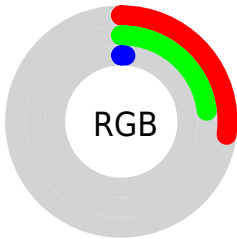
Format	Color
RYB	16, 70, 3
Decimal	4602627
CIELab	25.07, -1.56, 32.83
CIELCh	25, 32.868, 92.724
Yxy	4.4366, 0.4430, 0.4787
Android (android.graphics.Color)	4282792707 (0xFF463B03)
YUV	55.9050, -26.0822, 12.3613
Hunter-Lab	21.0632, -2.0628, 12.7005

Details

The Hex color **463B03** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030E46**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **796A33**, and **151100** is the 20% darker color. If you saturate the color by 10%, you get **463B00**, and if you desaturate by 10%, it is **463C0A**.

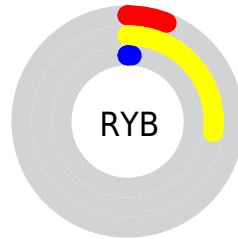
Distribution



Red (27%)

Green (23%)

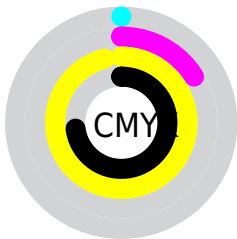
Blue (1%)



Red (6%)

Yellow (27%)

Blue (1%)

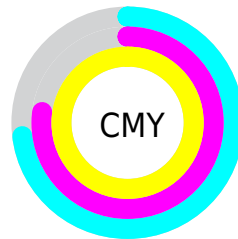


Cyan (0%)

Magenta (16%)

Yellow (96%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463B03 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 463B03 by changing the saturation by 10% instead.

 463B03

 463B03

 FFFFE9

 2E2600

 796A33

 151100

 94834A

 000000

 AF9D63

 CBB87C

 E8D396

 FFF0B1

 FFFFCD

 463B03

 463B03

■ 463B00

■ 463C0A

■ 463D11

■ 463E18

■ 46401F

■ 464126

■ 46422D

■ 464334

■ 46443B

■ 464542

Harmonies

Analogous

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



5A320E



463B03



2D420E

Triad

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



463B03



004756



5B2953

Complementary

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



463B03



030E46

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.



3F3465



463B03



004467

Square

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



463B03



00473D



003E6D



67233A

Rectangle

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



463B03



15451C



003E6D



542C5A

Sweetspot

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



463B03



5C5741



46030E



2E2B1E



ADADAD



2E2E2E

Same Dimension

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



463B03



5C4D00



304603



242320



635300



E3BE00

Inverse Universe

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



030E46



000F5C



190346



202124



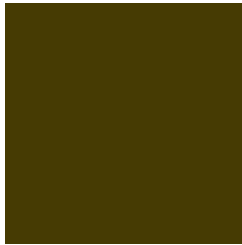
001063



0025E3

Previews

White Background



This preview shows how the Hex color 463B03 looks on a white background.

Color Contrast Check

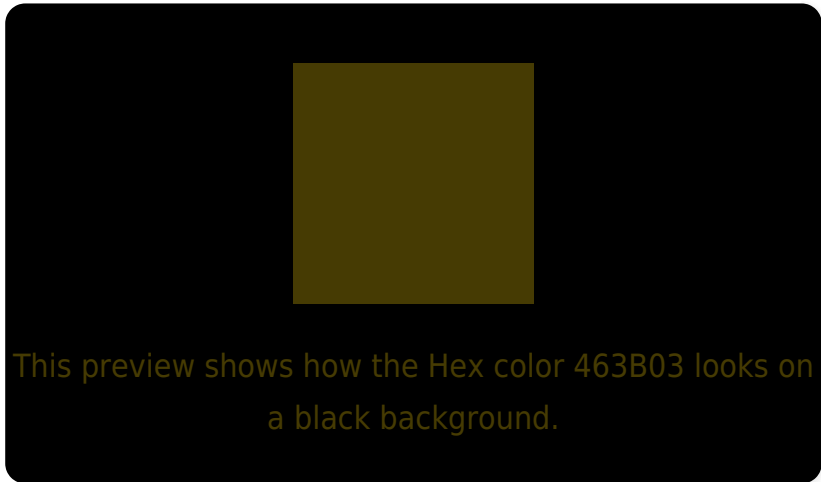
Large Text (above 18pt) WCAG AA ✓ Pass

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

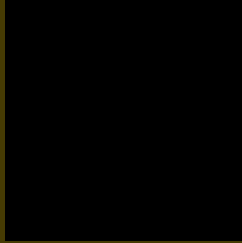
Any Text WCAG AA × Fail

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 463B03 Background



This preview shows how black text looks on a background with the Hex color 463B03.



This preview shows how white text looks on a background with the Hex color 463B03.

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
463B03

Protanopia
433C04

Deuteranopia
4C3907



Tritanopia
49373B

Trichromacy



Original Color
463B03

Protanomaly
443C04

Deuteranomaly
4A3A06

Tritanomaly
483827

Monochromacy



Original Color
463B03

Achromatopsia
383838

Achromatomaly
3D3925

CSS Examples

Text

The CSS property to change the color of the text to Hex 463B03 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 #463B03 looks like.

```
.text, #text, p{  
    color:#463B03  
}
```

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 #463B03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463B03  
}
```

Border

The CSS property to change the border of an element to Hex 463B03 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  
#463B03 }
```

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

```
.border{ border-color:#463B03 }
```

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

Here you see how a box with a 4 pixel #463B03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463B03; -webkit-box-shadow:4px 4px  
4px 4px #463B03; box-shadow:4px 4px 4px  
4px #463B03 }
```

Background

The CSS property to change the background color of an element to Hex 463B03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463B03 }
```

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

```
.background{ background-color:#463B03 }
```

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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