

Converting Colors

Hex(463102)

Have a look what the booklet for
Hex(463102) contains.

Hex(463102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(463102)

Conversions

Conversions Part 1

Format	Color
Hex	463102
RGB	70, 49, 2
RGB Percent	27%, 19%, 1%
CMY	0.7255, 0.8078, 0.9922
CMYK	0.00, 0.30, 0.97, 0.73
HSL	41°, 94%, 14%
HSV	41°, 97%, 27%
XYZ	3.6351, 3.5031, 0.5420
YIQ	49.9210, 27.6030, -10.1650

Conversions

Conversions Part 2

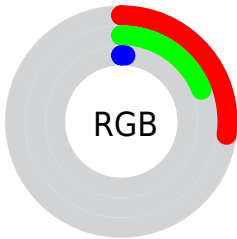
Format	Color
RYB	32, 70, 2
Decimal	4600066
CIELab	21.96, 4.86, 30.10
CIELCh	22, 30.491, 80.833
Yxy	3.5031, 0.4733, 0.4561
Android (android.graphics.Color)	4282790146 (0xFF463102)
YUV	49.9210, -23.6251, 17.6093
Hunter-Lab	18.7166, 1.9136, 11.3846

Details

The Hex color **463102** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **021746**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **795F31**, and **140300** is the 20% darker color. If you saturate the color by 10%, you get **463000**, and if you desaturate by 10%, it is **463309**.

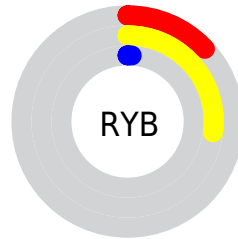
Distribution



Red (27%)

Green (19%)

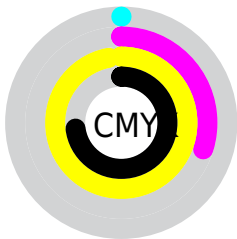
Blue (1%)



Red (13%)

Yellow (27%)

Blue (1%)

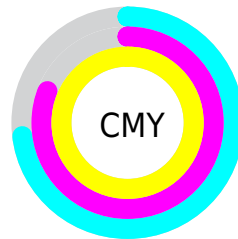


Cyan (0%)

Magenta (30%)

Yellow (97%)

Black (73%)



Cyan (73%)

Magenta (81%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463102 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 463102 by changing the saturation by 10% instead.

 463102

 463102

 FFFFE6


 2E1C00

 795F31

 140300

 947848

 000000

 B09160

 CCAC7A

 E9C794

 FFE3AF

 FFFFCA

 463102

 463102

■ 463000

■ 463309

■ 463510

■ 463717

■ 463A1E

■ 463C25

■ 463E2C

■ 464033

■ 46423A

■ 464441

Harmonies

Analogous

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



552812



463102



313804

Triad

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



463102



003F44



492851

Complementary

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



463102



021746

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.



27315F



463102



003E57

Square

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



463102



003F2D



003961



5A203C

Rectangle

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



463102



1F3B10



003961



402B57

Sweetspot

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



463102



5C5441



460218



2E291E



ADADAD



2E2E2E

Same Dimension

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



463102



5C3F00



3A4602



242320



634500



E39D00

Inverse Universe

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



021746



001C5C



0E0246



202124



001F63



0046E3

Previews

White Background



This preview shows how the Hex color 463102 looks on a white background.

Color Contrast Check

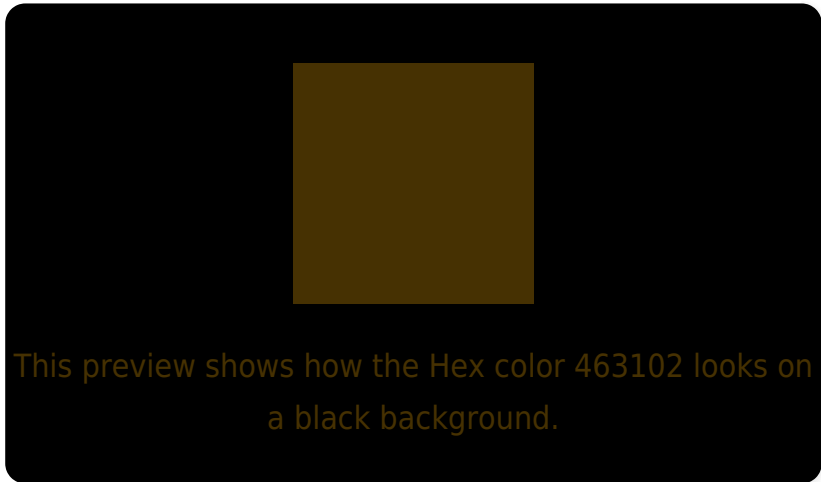
Large Text (above 18pt) WCAG AA ✓ Pass

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

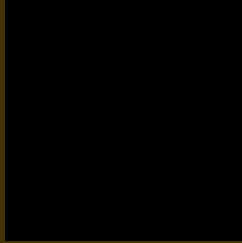
Any Text WCAG AA × Fail

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 463102 Background



This preview shows how black text looks on a background with the Hex color 463102.



This preview shows how white text looks on a background with the Hex color 463102.

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
463102

Protanopia
3C3505

Deuteranopia
433200



Tritanopia
482E31

Trichromacy



Original Color
463102

Protanomaly
403404

Deuteranomaly
443201

Tritanomaly
472F20

Monochromacy



Original Color
463102

Achromatopsia
323232

Achromatomaly
393221

CSS Examples

Text

The CSS property to change the color of the text to Hex 463102 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 #463102 looks like.

```
.text, #text, p{  
    color:#463102  
}
```

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 #463102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463102
}
```

Border

The CSS property to change the border of an element to Hex 463102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

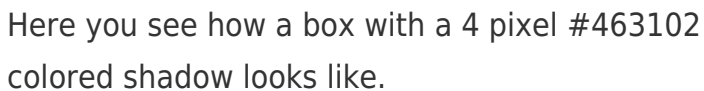
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463102 }
```

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

```
.border{ border-color:#463102 }
```

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



Here you see how a box with a 4 pixel #463102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463102; -webkit-box-shadow:4px 4px  
4px 4px #463102; box-shadow:4px 4px 4px  
4px #463102 }
```

Background

The CSS property to change the background color of an element to Hex 463102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463102 }
```

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

```
.background{ background-color:#463102 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor