

Converting Colors

Hex(463A11)

Have a look what the booklet for
Hex(463A11) contains.

Hex(463A11)	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(463A11)

Conversions

Conversions Part 1

Format	Color
Hex	463A11
RGB	70, 58, 17
RGB Percent	27%, 23%, 7%
CMY	0.7255, 0.7725, 0.9333
CMYK	0.00, 0.17, 0.76, 0.73
HSL	46°, 61%, 17%
HSV	46°, 76%, 27%
XYZ	4.1400, 4.3687, 1.1553
YIQ	56.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

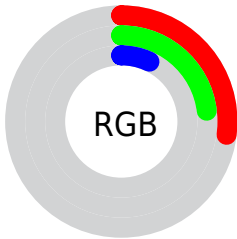
Format	Color
R_{YB}	33, 70, 17
Decimal	4602385
CIE Lab	24.85, -0.17, 26.49
CIE LCh	25, 26.491, 90.376
Yxy	4.3687, 0.4284, 0.4521
Android (android.graphics.Color)	4282792465 (0xFF463A11)
YUV	56.9140, -19.6776, 11.4764
Hunter-Lab	20.9014, -1.2212, 11.3536

Details

The Hex color **463A11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **111D46**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **78693E**, and **161000** is the 20% darker color. If you saturate the color by 10%, you get **46380A**, and if you desaturate by 10%, it is **463C18**.

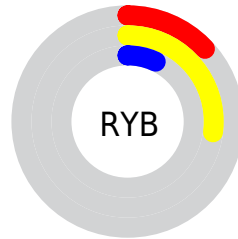
Distribution



Red (27%)

Green (23%)

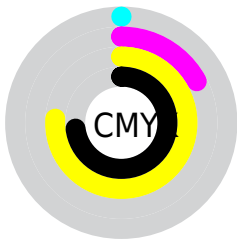
Blue (7%)



Red (13%)

Yellow (27%)

Blue (7%)

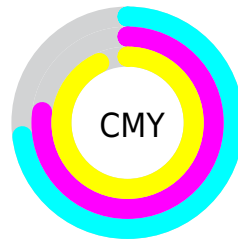


Cyan (0%)

Magenta (17%)

Yellow (76%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463A11 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 463A11 by changing the saturation by 10% instead.



463A11



463A11



FFFFFF6



2F2400



78693E



161000



938255



000000



AE9C6E



CAB788



E6D2A2



FFEFBF



FFFFD9



463A11



463A11

■ 46380A

■ 463C18

■ 463703

■ 463D1F

■ 463600

■ 463F26

■ 46402D

■ 464234

■ 46443B

■ 464542

■ 464749

■ 464850

Harmonies

Analogous

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



563318



463A11



324017

Triad

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



463A11



00454F



542E4F

Complementary

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



463A11



111D46

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.



3C365E



463A11



00425D

Square

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



463A11



00453B



123D63



5F293C

Rectangle

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



463A11



214220



123D63



4D3055

Sweetspot

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



463A11



5C5747



46111D



2E2B21



ADADAD



2E2E2E

Same Dimension

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



463A11



5C4908



384611



242320



634D00



E3B000

Inverse Universe

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



111D46



081B5C



1F1146



202124



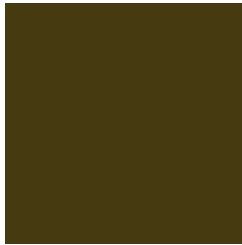
001763



0033E3

Previews

White Background



This preview shows how the Hex color 463A11 looks on a white background.

Color Contrast Check

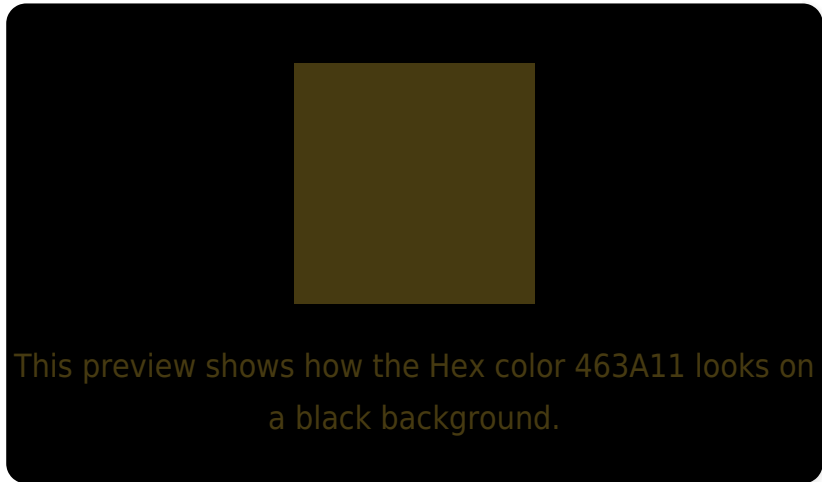
Large Text (above 18pt) WCAG AA ✓ Pass

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

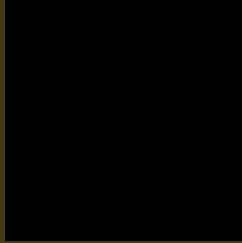
Any Text WCAG AA × Fail

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 463A11 Background



This preview shows how black text looks on a background with the Hex color 463A11.

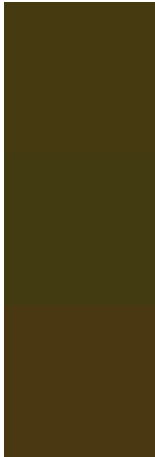


This preview shows how white text looks on a background with the Hex color 463A11.

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](#).

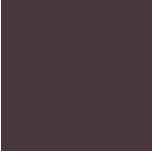
Dichromacy



Original Color
463A11

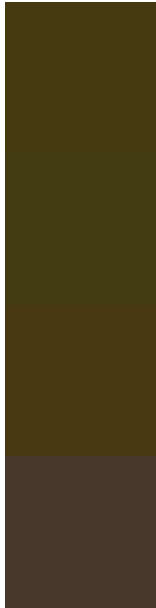
Protanopia
423B11

Deuteranopia
4A3812



Tritanopia
49363A

Trichromacy



Original Color
463A11

Protanomaly
433B11

Deuteranomaly
493912

Tritanomaly
48372B

Monochromacy



Original Color
463A11

Achromatopsia
393939

Achromatomaly
3E392A

CSS Examples

Text

The CSS property to change the color of the text to Hex 463A11 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 #463A11 looks like.

```
.text, #text, p{  
    color:#463A11  
}
```

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 #463A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463A11  
}
```

Border

The CSS property to change the border of an element to Hex 463A11 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".

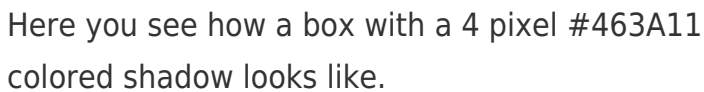
```
.border, #border, table{ border:4px solid  
#463A11 }
```

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

```
.border{ border-color:#463A11 }
```

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

Here you see how a box with a 4 pixel #463A11 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463A11; -webkit-box-shadow:4px 4px  
4px 4px #463A11; box-shadow:4px 4px 4px  
4px #463A11 }
```

Background

The CSS property to change the background color of an element to Hex 463A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463A11 }
```

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

```
.background{ background-color:#463A11 }
```

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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