

Converting Colors

Hex(463C19)

Have a look what the booklet for
Hex(463C19) contains.

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Color

Hex(463C19)

Conversions

Conversions Part 1

Format	Color
Hex	463C19
RGB	70, 60, 25
RGB Percent	27%, 24%, 10%
CMY	0.7255, 0.7647, 0.9020
CMYK	0.00, 0.14, 0.64, 0.73
HSL	47°, 47%, 19%
HSV	47°, 64%, 27%
XYZ	4.3171, 4.6040, 1.5808
YIQ	59.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

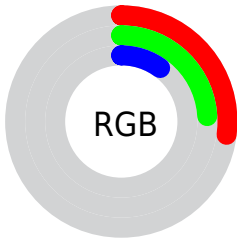
Format	Color
R_{YB}	38, 70, 25
Decimal	4602905
CIE Lab	25.58, -0.81, 22.89
CIE LCh	26, 22.905, 92.019
Yxy	4.6040, 0.4111, 0.4384
Android (android.graphics.Color)	4282792985 (0xFF463C19)
YUV	59.0000, -16.7620, 9.6470
Hunter-Lab	21.4569, -1.6356, 10.6517

Details

The Hex color **463C19** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **192346**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **786B46**, and **181200** is the 20% darker color. If you saturate the color by 10%, you get **463A12**, and if you desaturate by 10%, it is **463E20**.

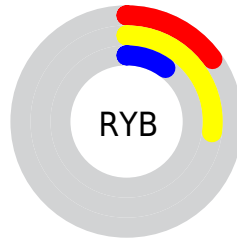
Distribution



Red (27%)

Green (24%)

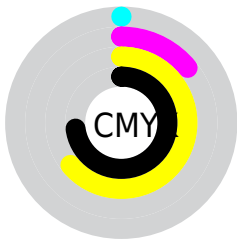
Blue (10%)



Red (15%)

Yellow (27%)

Blue (10%)

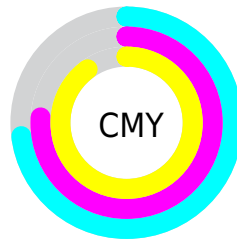


Cyan (0%)

Magenta (14%)

Yellow (64%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463C19 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 463C19 by changing the saturation by 10% instead.



463C19



463C19

FFFFFF



2F2600



786B46



181200



92845D



000000



AD9E76



C9B990



E5D5AB



FFF1C6



FFFFE2



463C19



463C19

■ 463A12

■ 463E20

■ 46390B

■ 463F27

■ 463704

■ 46412E

■ 463600

■ 464235

■ 46443C

■ 464543

■ 46474A

■ 464851

■ 464A58

Harmonies

Analogous

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



54361E



463C19



34411E

Triad

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



463C19



00454E



53314D

Complementary

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



463C19



192346

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.



40385A



463C19



00435B

Square

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



463C19



00463D



213E5F



5D2E3C

Rectangle

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



463C19



264327



213E5F



4E3352

Sweetspot

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



463C19



5C584A



461924



2E2C23



ADADAD



2E2E2E

Same Dimension

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



463C19



5C4C15



3A4619



242320



634D00



E3B100

Inverse Universe

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



192346



15255C



251946



202124



001663



0032E3

Previews

White Background



This preview shows how the Hex color 463C19 looks on a white background.

Color Contrast Check

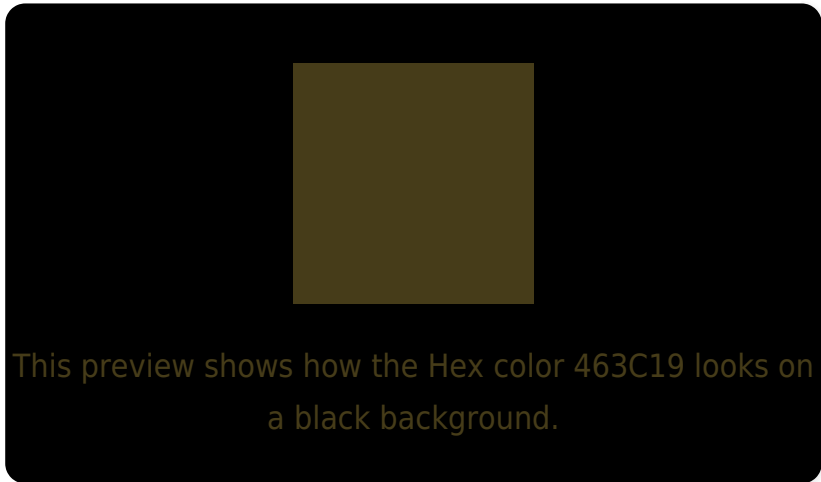
Large Text (above 18pt) WCAG AA ✓ Pass

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

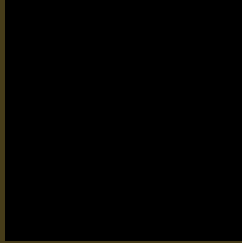
Any Text WCAG AA × Fail

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 463C19 Background



This preview shows how black text looks on a background with the Hex color 463C19.

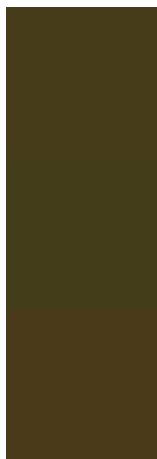


This preview shows how white text looks on a background with the Hex color 463C19.

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](#).

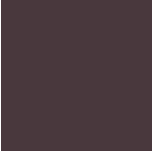
Dichromacy



Original Color
463C19

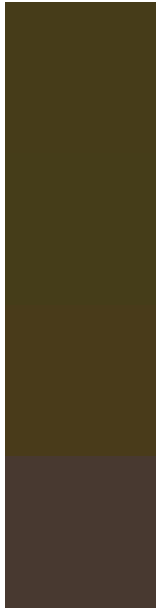
Protanopia
443D19

Deuteranopia
4B3A1A



Tritanopia
49383D

Trichromacy



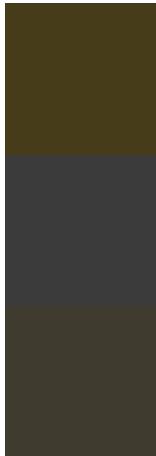
Original Color
463C19

Protanomaly
453D19

Deuteranomaly
493B1A

Tritanomaly
483930

Monochromacy



Original Color
463C19

Achromatopsia
3B3B3B

Achromatomaly
3F3B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 463C19 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 #463C19 looks like.

```
.text, #text, p{  
    color:#463C19  
}
```

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 #463C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463C19
}
```

Border

The CSS property to change the border of an element to Hex 463C19 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
#463C19 }
```

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

```
.border{ border-color:#463C19 }
```

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

Here you see how a box with a 4 pixel #463C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463C19; -webkit-box-shadow:4px 4px  
4px 4px #463C19; box-shadow:4px 4px 4px  
4px #463C19 }
```

Background

The CSS property to change the background color of an element to Hex 463C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463C19 }
```

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

```
.background{ background-color:#463C19 }
```

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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