

Converting Colors

Hex(460700)

Have a look what the booklet for
Hex(460700) contains.

Hex(460700)	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>	28

Color

Hex(460700)

Conversions

Conversions Part 1

Format	Color
Hex	460700
RGB	70, 7, 0
RGB Percent	27%, 3%, 0%
CMY	0.7255, 0.9725, 1.0000
CMYK	0.00, 0.90, 1.00, 0.73
HSL	6°, 100%, 14%
HSV	6°, 100%, 27%
XYZ	2.6018, 1.4540, 0.1435
YIQ	25.0390, 39.7950, 11.1790

Conversions

Conversions Part 2

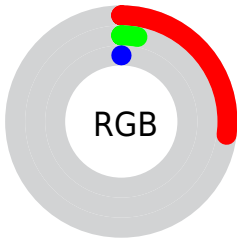
Format	Color
R_{YB}	70, 8, 0
Decimal	4589312
CIE Lab	12.31, 28.65, 19.18
CIE LCh	12, 34.475, 33.795
Yxy	1.4540, 0.6196, 0.3463
Android (android.graphics.Color)	4282779392 (0xFF460700)
YUV	25.0390, -12.3442, 39.4308
Hunter-Lab	12.0584, 17.4117, 7.7351

Details

The Hex color **460700** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003F46**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **7B382F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **460700**, and if you desaturate by 10%, it is **460D07**.

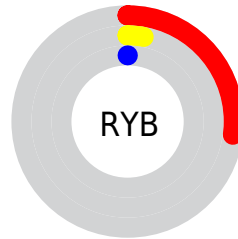
Distribution



Red (27%)

Green (3%)

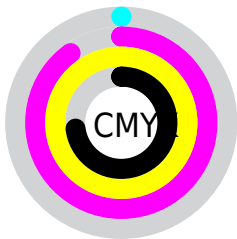
Blue (0%)



Red (27%)

Yellow (3%)

Blue (0%)

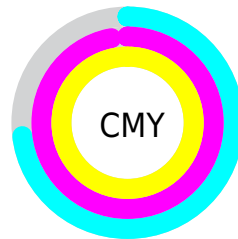


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460700 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 460700 by changing the saturation by 10% instead.

 460700

 460700

 FFF0E2

 2D0000

 7B382F

 000000

 975046

 B3695D

 D08276

 EE9D90

 FFB8AA

 FFD4C6

 460700

■ 460D07

■ 46140E

■ 461A15

■ 46201C

■ 462723

■ 462D2A

■ 463331

■ 463938

■ 46403F

Harmonies

Analogous

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



48001E



460700



391600

Triad

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



460700



002906



002250

Complementary

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



460700



003F46

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.



00284B



460700



002A23

Square

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



460700



0E2600



002A3A



211848

Rectangle

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



460700



2D1D00



002A3A



002550

Sweetspot

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



460700



5C4340



46003F



2E1F1D



ADADAD



2E2E2E

Same Dimension

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



460700



5C0900



462A00



242020



630A00



E31700

Inverse Universe

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



003F46



00535C



001C46



202324



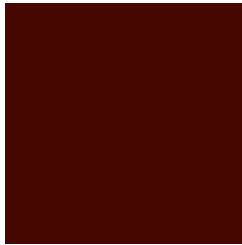
005A63



00CCE3

Previews

White Background



This preview shows how the Hex color 460700 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

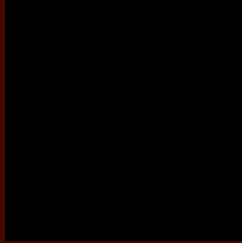
Any Text WCAG AA × Fail

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 460700 Background



This preview shows how black text looks on a background with the Hex color 460700.

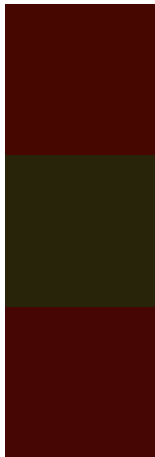


This preview shows how white text looks on a background with the Hex color 460700.

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
460700

Protanopia
282409

Tritanopia
460704

Trichromacy

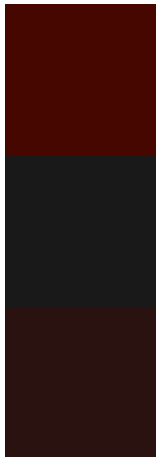


Original Color
460700

Protanomaly
331906

Tritanomaly
460703

Monochromacy



Original Color
460700

Achromatopsia
191919

Achromatomaly
291210

CSS Examples

Text

The CSS property to change the color of the text to Hex 460700 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 #460700 looks like.

```
.text, #text, p{  
    color:#460700  
}
```

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 #460700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460700
}
```

Border

The CSS property to change the border of an element to Hex 460700 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".

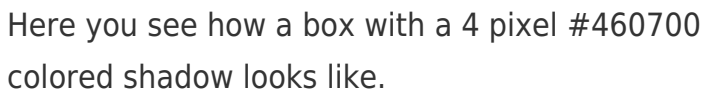
```
.border, #border, table{ border:4px solid
#460700 }
```

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

```
.border{ border-color:#460700 }
```

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

Here you see how a box with a 4 pixel #460700 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460700; -webkit-box-shadow:4px 4px  
4px 4px #460700; box-shadow:4px 4px 4px  
4px #460700 }
```

Background

The CSS property to change the background color of an element to Hex 460700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460700 }
```

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

```
.background{ background-color:#460700 }
```

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