

Converting Colors

Hex(460D17)

Have a look what the booklet for
Hex(460D17) contains.

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Color

Hex(460D17)

Conversions

Conversions Part 1

Format	Color
Hex	460D17
RGB	70, 13, 23
RGB Percent	27%, 5%, 9%
CMY	0.7255, 0.9490, 0.9098
CMYK	0.00, 0.81, 0.67, 0.73
HSL	349°, 69%, 16%
HSV	349°, 81%, 27%
XYZ	2.8244, 1.6518, 0.9806
YIQ	31.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

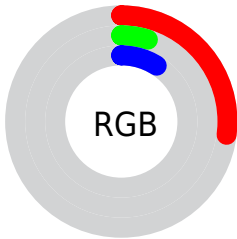
Format	Color
RYB	70, 13, 23
Decimal	4590871
CIELab	13.54, 27.53, 9.32
CIElCh	14, 29.068, 18.710
Yxy	1.6518, 0.5176, 0.3027
Android (android.graphics.Color)	4282780951 (0xFF460D17)
YUV	31.1830, -4.0342, 34.0425
Hunter-Lab	12.8522, 16.7352, 4.4730

Details

The Hex color **460D17** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0D463C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7A3C41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **460611**, and if you desaturate by 10%, it is **46141D**.

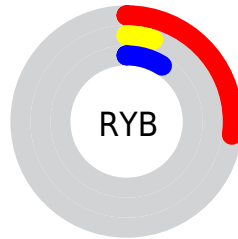
Distribution



 Red (27%)

 Green (5%)

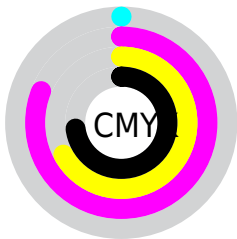
 Blue (9%)




 Red (27%)

 Yellow (5%)

 Blue (9%)

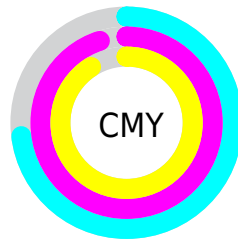



 Cyan (0%)

 Magenta (81%)

 Yellow (67%)

 Black (73%)



 Cyan (73%)

 Magenta (95%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460D17 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 460D17 by changing the saturation by 10% instead.

 460D17

 460D17

 FFF6F8

 2F0000

 7A3C41

 000000

 955459

 B16D71

 CE878A

 EBA2A5

 FFBDC0

 FFD9DC

 460D17

 460D17

■ 460611

■ 46141D

■ 46000C

■ 461B23

■ 462228

■ 46292E

■ 463034

■ 46373A

■ 463E3F

■ 464545

■ 464C4B

Harmonies

Analogous

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



430D2B



460D17



401600

Triad

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



460D17



072901



00274B

Complementary

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



460D17



0D463C

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.



002B41



460D17



002B1A

Square

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



460D17



212500



002C2F



0F2149

Rectangle

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



460D17



381C00



002C2F



002948

Sweetspot

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



460D17



5C464A



3C0D46



2E2123



ADADAD



2E2E2E

Same Dimension

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



460D17



5C0212



461F0D



242021



630011



E30028

Inverse Universe

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



460D17



5C0212



0D3446



242021



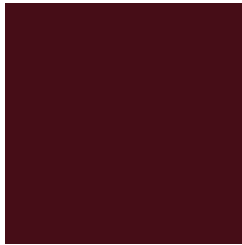
630011



E30028

Previews

White Background



This preview shows how the Hex color 460D17 looks on a white background.

Color Contrast Check

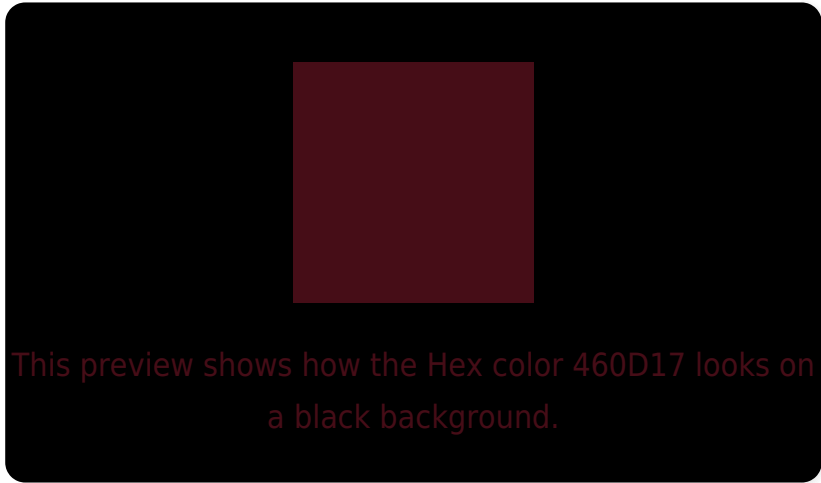
Large Text (above 18pt) WCAG AA ✓ Pass

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

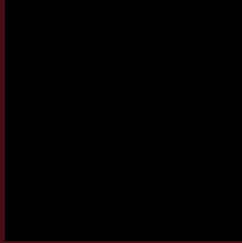
Any Text WCAG AA × Fail

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 460D17 Background



This preview shows how black text looks on a background with the Hex color 460D17.



This preview shows how white text looks on a background with the Hex color 460D17.

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
460D17

Protanopia
272520

Deuteranopia
2D2314



Tritanopia
460F0F

Trichromacy



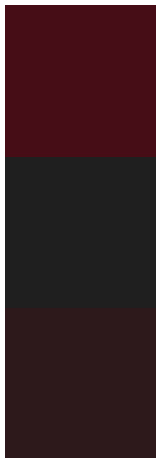
Original Color
460D17

Protanomaly
321C1D

Deuteranomaly
361B15

Tritanomaly
460E12

Monochromacy



Original Color
460D17

Achromatopsia
1F1F1F

Achromatomaly
2D181C

CSS Examples

Text

The CSS property to change the color of the text to Hex 460D17 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 #460D17 looks like.

```
.text, #text, p{  
    color:#460D17  
}
```

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 #460D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460D17
}
```

Border

The CSS property to change the border of an element to Hex 460D17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

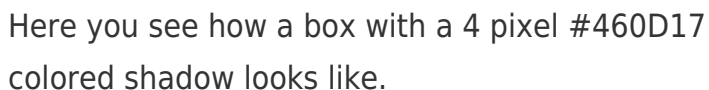
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#460D17 }
```

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

```
.border{ border-color:#460D17 }
```

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



Here you see how a box with a 4 pixel #460D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460D17; -webkit-box-shadow:4px 4px  
4px 4px #460D17; box-shadow:4px 4px 4px  
4px #460D17 }
```

Background

The CSS property to change the background color of an element to Hex 460D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460D17 }
```

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

```
.background{ background-color:#460D17 }
```

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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