

Converting Colors

Hex(460A16)

Have a look what the booklet for
Hex(460A16) contains.

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Color

Hex(460A16)

Conversions

Conversions Part 1

Format	Color
Hex	460A16
RGB	70, 10, 22
RGB Percent	27%, 4%, 9%
CMY	0.7255, 0.9608, 0.9137
CMYK	0.00, 0.86, 0.69, 0.73
HSL	348°, 75%, 16%
HSV	348°, 86%, 27%
XYZ	2.7791, 1.5771, 0.9170
YIQ	29.3080, 31.9080, 16.4520

Conversions

Conversions Part 2

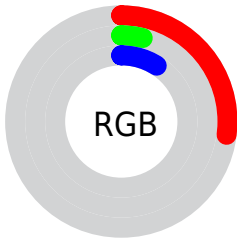
Format	Color
RYB	70, 10, 22
Decimal	4590102
CIELab	13.09, 28.65, 9.45
CIELCh	13, 30.169, 18.260
Yxy	1.5771, 0.5270, 0.2991
Android (android.graphics.Color)	4282780182 (0xFF460A16)
YUV	29.3080, -3.6028, 35.6869
Hunter-Lab	12.5583, 17.5251, 4.4615

Details

The Hex color **460A16** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A463A**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **7A3A40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **460310**, and if you desaturate by 10%, it is **46111C**.

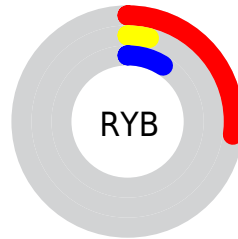
Distribution



Red (27%)

Green (4%)

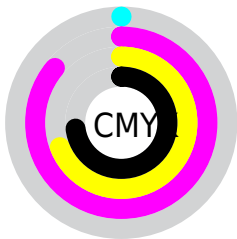
Blue (9%)



Red (27%)

Yellow (4%)

Blue (9%)

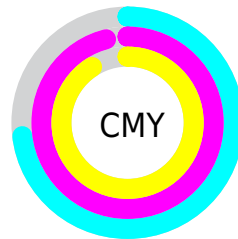


Cyan (0%)

Magenta (86%)

Yellow (69%)

Black (73%)



Cyan (73%)

Magenta (96%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460A16 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 460A16 by changing the saturation by 10% instead.

 460A16

 460A16

 FFF3F7

 2F0000

 7A3A40

 000000

 965257

 B26B70

 CE8589

 EB9FA3

 FFBBBE

 FFD7DA

 460A16

 460A16

■ 460310

■ 46111C

■ 46000E

■ 461821

■ 461F27

■ 46262C

■ 462D32

■ 463438

■ 463B3D

■ 464243

■ 464948

Harmonies

Analogous

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



420B2B



460A16



401400

Triad

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



460A16



062800



00274B

Complementary

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



460A16



0A463A

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.



002A41



460A16



002B18

Square

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



460A16



202500



002B2E



0A204A

Rectangle

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



460A16



371B00



002B2E



002849

Sweetspot

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



460A16



5C4449



3A0A46



2E2023



ADADAD



2E2E2E

Same Dimension

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



460A16



5C0012



461C0A



242021



630014



E3002D

Inverse Universe

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



460A16



5C0012



0A3446



242021



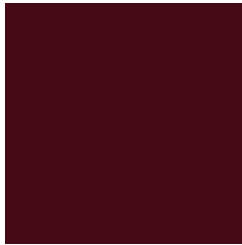
630014



E3002D

Previews

White Background



This preview shows how the Hex color 460A16 looks on a white background.

Color Contrast Check

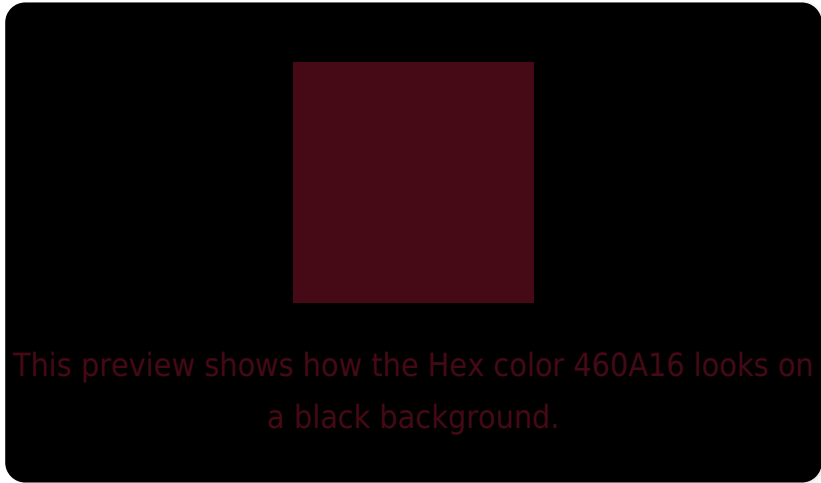
Large Text (above 18pt) WCAG AA ✓ Pass

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

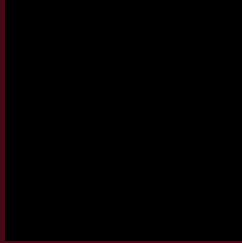
Any Text WCAG AA × Fail

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 460A16 Background



This preview shows how black text looks on a background with the Hex color 460A16.



This preview shows how white text looks on a background with the Hex color 460A16.

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
460A16

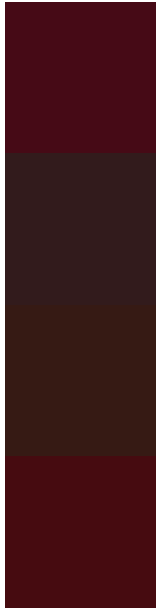
Protanopia
262420

Deuteranopia
2D2313



Tritanopia
460C0C

Trichromacy



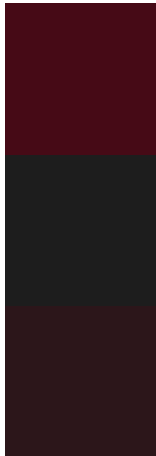
Original Color
460A16

Protanomaly
321B1C

Deuteranomaly
361A14

Tritanomaly
460B10

Monochromacy



Original Color
460A16

Achromatopsia
1D1D1D

Achromatomaly
2C161A

CSS Examples

Text

The CSS property to change the color of the text to Hex 460A16 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 #460A16 looks like.

```
.text, #text, p{  
    color:#460A16  
}
```

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 #460A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460A16
}
```

Border

The CSS property to change the border of an element to Hex 460A16 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".

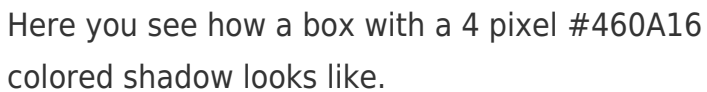
```
.border, #border, table{ border:4px solid
#460A16 }
```

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

```
.border{ border-color:#460A16 }
```

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

Here you see how a box with a 4 pixel #460A16 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 #460A16; -webkit-box-shadow:4px 4px  
4px 4px #460A16; box-shadow:4px 4px 4px  
4px #460A16 }
```

Background

The CSS property to change the background color of an element to Hex 460A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460A16 }
```

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

```
.background{ background-color:#460A16 }
```

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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