

Converting Colors

Hex(460F38)

Have a look what the booklet for
Hex(460F38) contains.

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Color

Hex(460F38)

Conversions

Conversions Part 1

Format	Color
Hex	460F38
RGB	70, 15, 56
RGB Percent	27%, 6%, 22%
CMY	0.7255, 0.9412, 0.7804
CMYK	0.00, 0.79, 0.20, 0.73
HSL	315°, 65%, 17%
HSV	315°, 79%, 27%
XYZ	3.4104, 1.9293, 3.9340
YIQ	36.1190, 19.6190, 24.4110

Conversions

Conversions Part 2

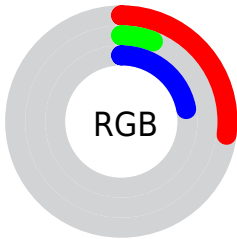
Format	Color
RYB	70, 15, 56
Decimal	4591416
CIELab	15.11, 30.81, -12.48
CIELCh	15, 33.244, 337.955
Yxy	1.9293, 0.3678, 0.2080
Android (android.graphics.Color)	4282781496 (0xFF460F38)
YUV	36.1190, 9.8013, 29.7136
Hunter-Lab	13.8898, 19.5208, -7.0699

Details

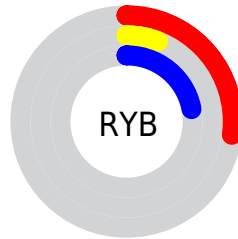
The Hex color **460F38** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F461D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **793F67**, and **13000A** is the 20% darker color. If you saturate the color by 10%, you get **460836**, and if you desaturate by 10%, it is **46163A**.

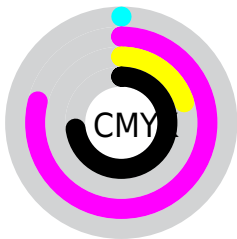
Distribution



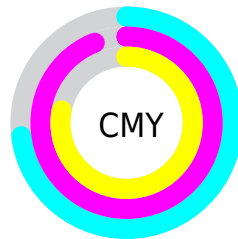
- Red (27%)
- Green (6%)
- Blue (22%)



- Red (27%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (79%)
- Yellow (20%)
- Black (73%)



- Cyan (73%)
- Magenta (94%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460F38 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 460F38 by changing the saturation by 10% instead.

 460F38

 460F38

 FFF9FF

 2F0023

 793F67

 13000A

 935780

 000000

 AE709A

 CA8AB5

 E7A5D1

 FFC1ED

 FFDDFF

 460F38

 460F38

■ 460836

■ 46163A

■ 460134

■ 461D3C

■ 460034

■ 46243D

■ 462B3F

■ 463241

■ 463943

■ 464044

■ 464746

■ 464E48

Harmonies

Analogous

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



2D1C4B



460F38



4E0821

Triad

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



460F38



2B2700



003042

Complementary

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



460F38



0F461D

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.



00302C



460F38



132C00

Square

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



460F38



3E1E00



002F13



002D52

Rectangle

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



460F38



4D0E11



002F13



00303B

Sweetspot

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



460F38



5C4656



1D0F46



2E212B



ADADAD



2E2E2E

Same Dimension

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



460F38



5C0646



460F1D



242023



63004A



E300A9

Inverse Universe

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



460F38



5C0646



0F4638



242023



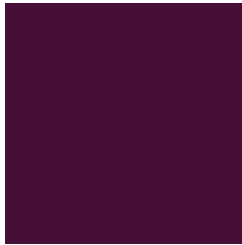
63004A



E300A9

Previews

White Background



This preview shows how the Hex color 460F38 looks on a white background.

Color Contrast Check

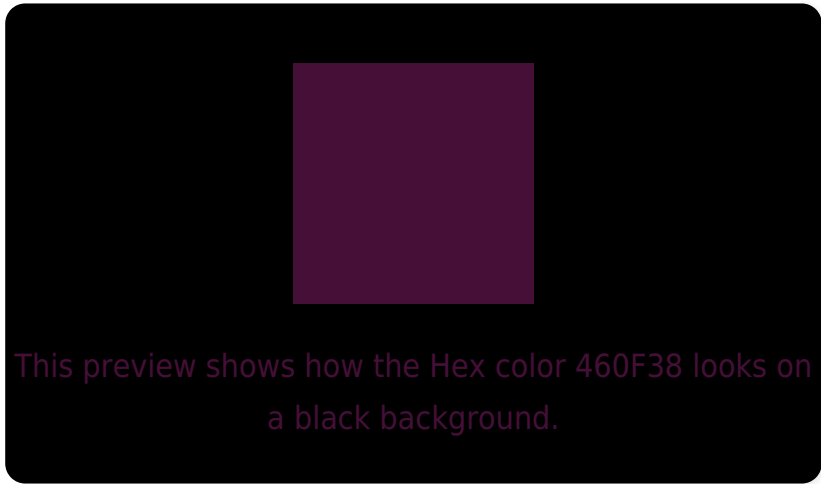
Large Text (above 18pt) WCAG AA ✓ Pass

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

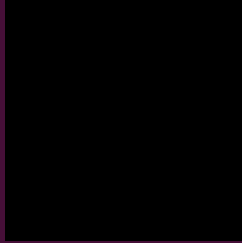
Any Text WCAG AA × Fail

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 460F38 Background



This preview shows how black text looks on a background with the Hex color 460F38.



This preview shows how white text looks on a background with the Hex color 460F38.

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
460F38

Protanopia
14274B

Deuteranopia
252735



Tritanopia
44191B

Trichromacy



Original Color
460F38

Protanomaly
261E44

Deuteranomaly
311E36

Tritanomaly
451526

Monochromacy



Original Color
460F38

Achromatopsia
242424

Achromatomaly
301C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 460F38 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 #460F38 looks like.

```
.text, #text, p{  
    color:#460F38  
}
```

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 #460F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460F38
}
```

Border

The CSS property to change the border of an element to Hex 460F38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

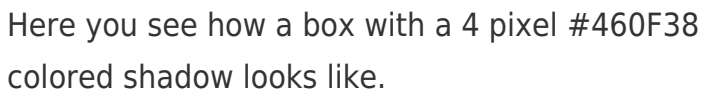
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#460F38 }
```

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

```
.border{ border-color:#460F38 }
```

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



Here you see how a box with a 4 pixel #460F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460F38; -webkit-box-shadow:4px 4px  
4px 4px #460F38; box-shadow:4px 4px 4px  
4px #460F38 }
```

Background

The CSS property to change the background color of an element to Hex 460F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460F38 }
```

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

```
.background{ background-color:#460F38 }
```

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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