

Converting Colors

Hex(460E2F)

Have a look what the booklet for
Hex(460E2F) contains.

Hex(460E2F)	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>	29

Color

Hex(460E2F)

Conversions

Conversions Part 1

Format	Color
Hex	460E2F
RGB	70, 14, 47
RGB Percent	27%, 5%, 18%
CMY	0.7255, 0.9451, 0.8157
CMYK	0.00, 0.80, 0.33, 0.73
HSL	325°, 67%, 16%
HSV	325°, 80%, 27%
XYZ	3.1959, 1.8214, 2.8724
YIQ	34.5060, 22.7830, 22.1350

Conversions

Conversions Part 2

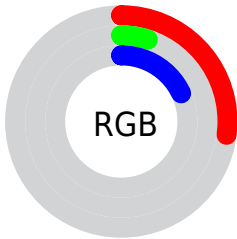
Format	Color
R_YB	70, 14, 47
Decimal	4591151
CIE _{Lab}	14.52, 29.83, -6.92
CIE _{LCh}	15, 30.619, 346.945
Yxy	1.8214, 0.4051, 0.2309
Android (android.graphics.Color)	4282781231 (0xFF460E2F)
YUV	34.5060, 6.1595, 31.1282
Hunter-Lab	13.4959, 18.6519, -3.1720




Details

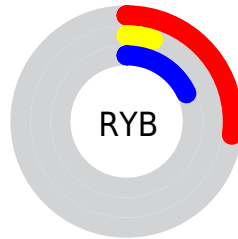
The Hex color **460E2F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E4625**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **793E5D**, and **0F0000** is the 20% darker color. If you saturate the color by 10%, you get **46072C**, and if you desaturate by 10%, it is **461532**.

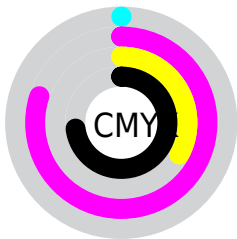
Distribution







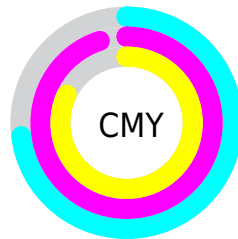
-  Red (27%)
-  Green (5%)
-  Blue (18%)






-  Red (27%)
-  Yellow (5%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (33%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (95%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460E2F 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 460E2F by changing the saturation by 10% instead.

 460E2F

 460E2F

 FFF8FF

 2F001A

 793E5D

 0F0000

 935676

 000000

 AF6F8F

 CB89AA

 E7A4C5

 FFBFE1

 FFDBFD

 460E2F

 460E2F

■ 46072C

■ 461532

■ 460029

■ 461C35

■ 462338

■ 462A3B

■ 46313D

■ 463840

■ 463F43

■ 464646

■ 464D49

Harmonies

Analogous

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



341942



460E2F



4A0D1A

Triad

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



460E2F



242700



002D44

Complementary

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



460E2F



0E4625

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.



002E31



460E2F



092C00

Square

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



460E2F



362000



002E1A



002A4F

Rectangle

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



460E2F



471309



002E1A



002E3E

Sweetspot

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



460E2F



5C4653



240E46



2E2128



ADADAD



2E2E2E

Same Dimension

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



460E2F



5C0438



460E14



242022



63003B



E30086

Inverse Universe

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



460E2F



5C0438



0E4640



242022



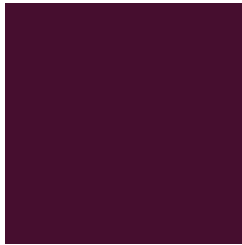
63003B



E30086

Previews

White Background



This preview shows how the Hex color 460E2F looks on a white background.

Color Contrast Check

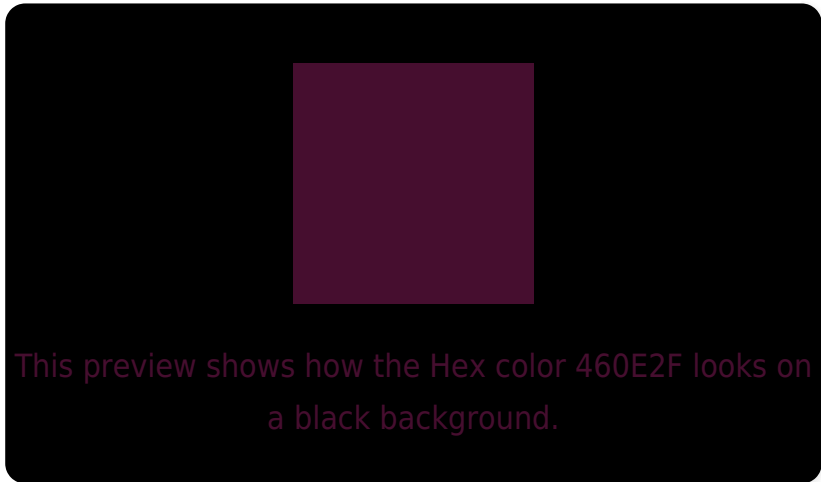
Large Text (above 18pt) WCAG AA ✓ Pass

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

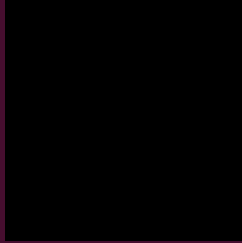
Any Text WCAG AA × Fail

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 460E2F Background



This preview shows how black text looks on a background with the Hex color 460E2F.



This preview shows how white text looks on a background with the Hex color 460E2F.

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
460E2F

Protanopia
1C2640

Deuteranopia
28262C



Tritanopia
441617

Trichromacy



Original Color
460E2F

Protanomaly
2B1D3A

Deuteranomaly
331D2D

Tritanomaly
451320

Monochromacy



Original Color
460E2F

Achromatopsia
232323

Achromatomaly
301B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 460E2F 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 #460E2F looks like.

```
.text, #text, p{  
    color:#460E2F  
}
```

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 #460E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460E2F
}
```

Border

The CSS property to change the border of an element to Hex 460E2F 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
#460E2F }
```

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

```
.border{ border-color:#460E2F }
```

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

Here you see how a box with a 4 pixel #460E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460E2F; -webkit-box-shadow:4px 4px  
4px 4px #460E2F; box-shadow:4px 4px 4px  
4px #460E2F }
```

Background

The CSS property to change the background color of an element to Hex 460E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460E2F }
```

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

```
.background{ background-color:#460E2F }
```

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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