

Converting Colors

Hex(460742)

Have a look what the booklet for
Hex(460742) contains.

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Color

Hex(460742)

Conversions

Conversions Part 1

Format	Color
Hex	460742
RGB	70, 7, 66
RGB Percent	27%, 3%, 26%
CMY	0.7255, 0.9725, 0.7412
CMYK	0.00, 0.90, 0.06, 0.73
HSL	304°, 82%, 15%
HSV	304°, 90%, 27%
XYZ	3.5851, 1.8474, 5.3219
YIQ	32.5630, 18.6090, 31.7050

Conversions

Conversions Part 2

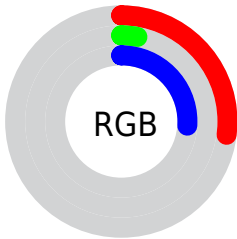
Format	Color
R_YB	70, 7, 66
Decimal	4589378
CIE Lab	14.67, 35.51, -20.25
CIE LCh	15, 40.878, 330.299
Yxy	1.8474, 0.3334, 0.1718
Android (android.graphics.Color)	4282779458 (0xFF460742)
YUV	32.5630, 16.4844, 32.8322
Hunter-Lab	13.5919, 23.2971, -13.7006

Details

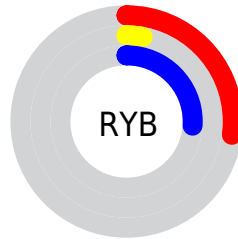
The Hex color **460742** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **07460B**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **793A72**, and **120017** is the 20% darker color. If you saturate the color by 10%, you get **460042**, and if you desaturate by 10%, it is **460E42**.

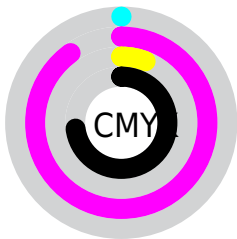
Distribution



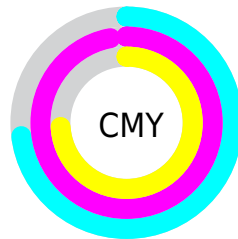
- Red (27%)
- Green (3%)
- Blue (26%)



- Red (27%)
- Yellow (3%)
- Blue (26%)



- Cyan (0%)
- Magenta (90%)
- Yellow (6%)
- Black (73%)



- Cyan (73%)
- Magenta (97%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460742 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 460742 by changing the saturation by 10% instead.

 460742

 460742

 FFF5FF

 2E002C

 793A72

 120017

 93538C

 000000

 AF6CA6

 CB86C2

 E7A1DE

 FFBCFA

 FFD8FF

 460742

 460742

■ 460042

■ 460E42

■ 461543

■ 461C43

■ 462344

■ 462A44

■ 463145

■ 463845

■ 463F46

■ 464646

Harmonies

Analogous

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



1E1D57



460742



540026

Triad

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



460742



2F2400



003142

Complementary

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



460742



07460B

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.



003124



460742



112B00

Square

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



460742



451700



002F01



002F57

Rectangle

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



460742



550013



002F01



003138

Sweetspot

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



460742



5C435A



0A0746



2E1F2D



ADADAD



2E2E2E

Same Dimension

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



460742



5C0056



460723



242023



63005D



E300D5

Inverse Universe

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



460742



5C0056



07462A



242023



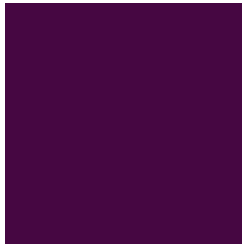
63005D



E300D5

Previews

White Background



This preview shows how the Hex color 460742 looks on a white background.

Color Contrast Check

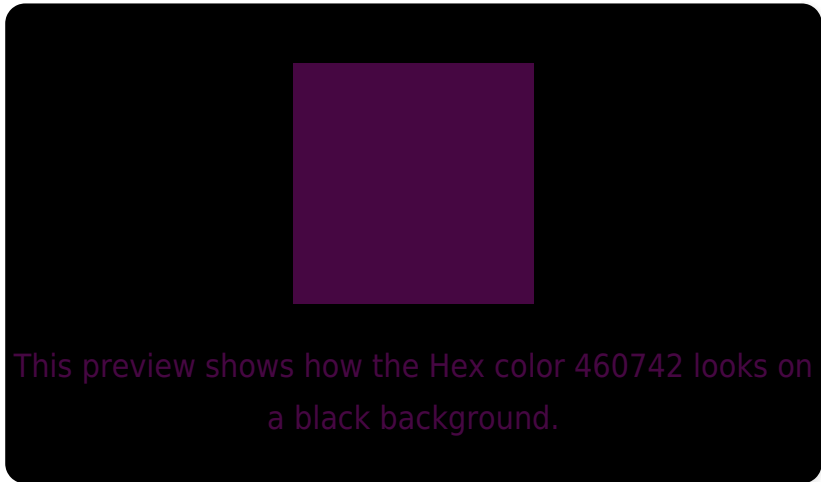
Large Text (above 18pt) WCAG AA ✓ Pass

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

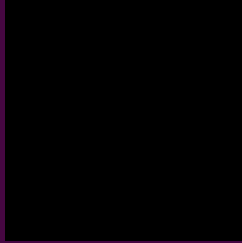
Any Text WCAG AA × Fail

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 460742 Background



This preview shows how black text looks on a background with the Hex color 460742.



This preview shows how white text looks on a background with the Hex color 460742.

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
460742

Protanopia
002652

Deuteranopia
1C283E



Tritanopia
421A1C

Trichromacy



Original Color
460742

Protanomaly
191B4C

Deuteranomaly
2B1C3F

Tritanomaly
43132A

Monochromacy



Original Color
460742

Achromatopsia
212121

Achromatomaly
2E182D

CSS Examples

Text

The CSS property to change the color of the text to Hex 460742 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 #460742 looks like.

```
.text, #text, p{  
    color:#460742  
}
```

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 #460742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460742
}
```

Border

The CSS property to change the border of an element to Hex 460742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

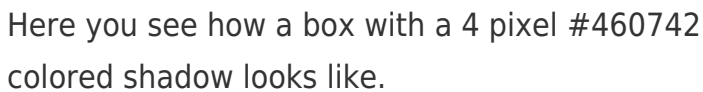
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#460742 }
```

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

```
.border{ border-color:#460742 }
```

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



Here you see how a box with a 4 pixel #460742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460742; -webkit-box-shadow:4px 4px  
4px 4px #460742; box-shadow:4px 4px 4px  
4px #460742 }
```

Background

The CSS property to change the background color of an element to Hex 460742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460742 }
```

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

```
.background{ background-color:#460742 }
```

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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