

Converting Colors

Hex(460030)

Have a look what the booklet for
Hex(460030) contains.

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Color

Hex(460030)

Conversions

Conversions Part 1

Format	Color
Hex	460030
RGB	70, 0, 48
RGB Percent	27%, 0%, 19%
CMY	0.7255, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.31, 0.73
HSL	319°, 100%, 14%
HSV	319°, 100%, 27%
XYZ	3.0593, 1.5155, 2.9276
YIQ	26.4020, 26.3120, 29.7680

Conversions

Conversions Part 2

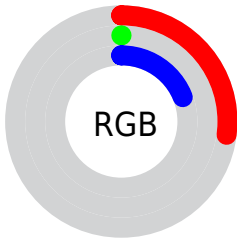
Format	Color
R_{YB}	70, 0, 48
Decimal	4587568
CIE _{Lab}	12.71, 35.32, -10.42
CIE _{LCh}	13, 36.821, 343.556
Yxy	1.5155, 0.4078, 0.2020
Android (android.graphics.Color)	4282777648 (0xFF460030)
YUV	26.4020, 10.6478, 38.2354
Hunter-Lab	12.3105, 22.8156, -5.4825

Details

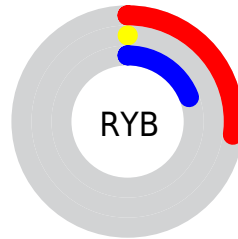
The Hex color **460030** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004616**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **79345E**, and **0A0000** is the 20% darker color. If you saturate the color by 10%, you get **460030**, and if you desaturate by 10%, it is **460732**.

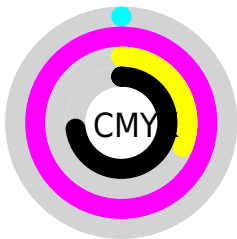
Distribution



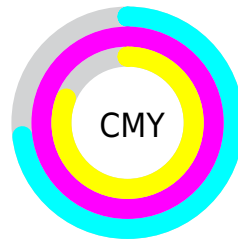
- Red (27%)
- Green (0%)
- Blue (19%)



- Red (27%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460030 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 460030 by changing the saturation by 10% instead.

 460030

 460030

 FFEFFF

 2F001B

 79345E

 0A0000

 944D77

 000000

 B06690

 CC80AB

 E99BC6

 FFB6E2

 FFD2FF

 460030

■ 460732

■ 460E34

■ 461537

■ 461C39

■ 46233B

■ 462A3D

■ 46313F

■ 463842

■ 463F44

Harmonies

Analogous

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



2F1346



460030



4C0017

Triad

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



460030



202300



002B44

Complementary

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



460030



004616

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.



002C2C



460030



002800

Square

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



460030



351A00



002B11



002852

Rectangle

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



460030



490400



002B11



002B3D

Sweetspot

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



460030



5C4053



150046



2E1D29



ADADAD



2E2E2E

Same Dimension

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



460030



5C003F



46000E



242023



630044



E3009C

Inverse Universe

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



460030



5C003F



004638



242023



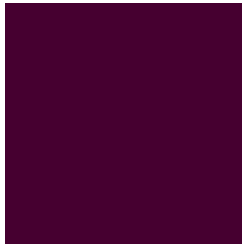
630044



E3009C

Previews

White Background



This preview shows how the Hex color 460030 looks on a white background.

Color Contrast Check

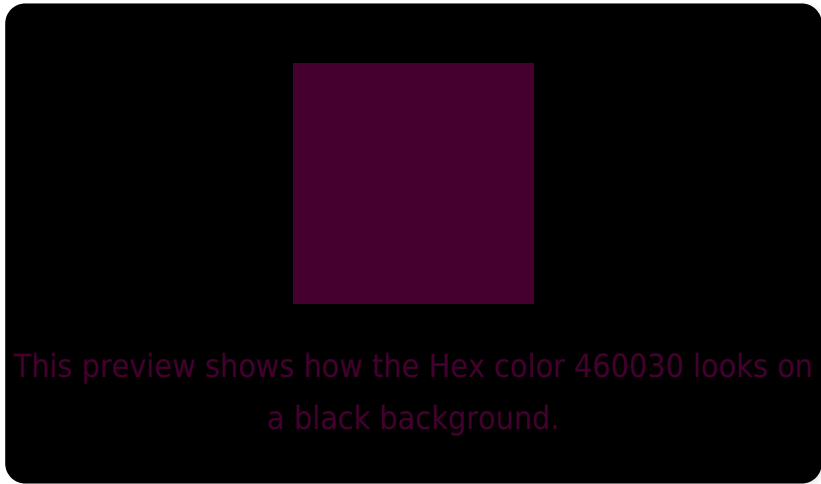
Large Text (above 18pt) WCAG AA ✓ Pass

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

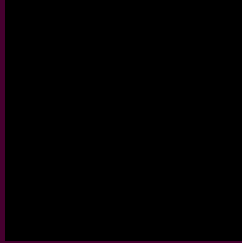
Any Text WCAG AA × Fail

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 460030 Background



This preview shows how black text looks on a background with the Hex color 460030.



This preview shows how white text looks on a background with the Hex color 460030.

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
460030

Protanopia
162444

Deuteranopia
26252D



Tritanopia
441314

Trichromacy



Original Color
460030

Protanomaly
27173D

Deuteranomaly
32182E

Tritanomaly
450C1E

Monochromacy



Original Color
460030

Achromatopsia
1A1A1A

Achromatomaly
2A1122

CSS Examples

Text

The CSS property to change the color of the text to Hex 460030 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 #460030 looks like.

```
.text, #text, p{  
    color:#460030  
}
```

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 #460030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460030
}
```

Border

The CSS property to change the border of an element to Hex 460030 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".

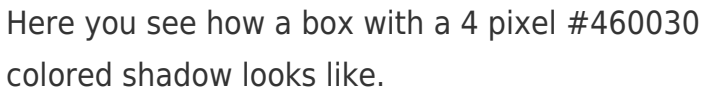
```
.border, #border, table{ border:4px solid
#460030 }
```

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

```
.border{ border-color:#460030 }
```

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

Here you see how a box with a 4 pixel #460030 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460030; -webkit-box-shadow:4px 4px  
4px 4px #460030; box-shadow:4px 4px 4px  
4px #460030 }
```

Background

The CSS property to change the background color of an element to Hex 460030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460030 }
```

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

```
.background{ background-color:#460030 }
```

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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