

Converting Colors

Hex(460035)

Have a look what the booklet for
Hex(460035) contains.

Hex(460035)	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(460035)

Conversions

Conversions Part 1

Format	Color
Hex	460035
RGB	70, 0, 53
RGB Percent	27%, 0%, 21%
CMY	0.7255, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.24, 0.73
HSL	315°, 100%, 14%
HSV	315°, 100%, 27%
XYZ	3.1684, 1.5591, 3.5021
YIQ	26.9720, 24.7070, 31.3230

Conversions

Conversions Part 2

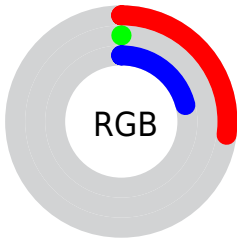
Format	Color
R_{YB}	70, 0, 53
Decimal	4587573
CIE _{Lab}	12.98, 36.01, -13.64
CIE _{LCh}	13, 38.504, 339.252
Yxy	1.5591, 0.3850, 0.1895
Android (android.graphics.Color)	4282777653 (0xFF460035)
YUV	26.9720, 12.8318, 37.7356
Hunter-Lab	12.4865, 23.4420, -7.8886

Details

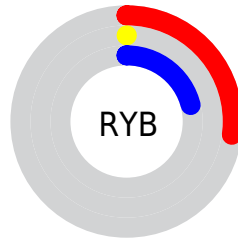
The Hex color **460035** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004611**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **793564**, and **0D0004** is the 20% darker color. If you saturate the color by 10%, you get **460035**, and if you desaturate by 10%, it is **460737**.

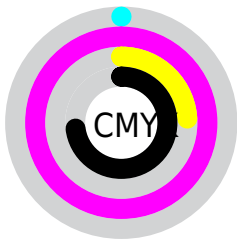
Distribution



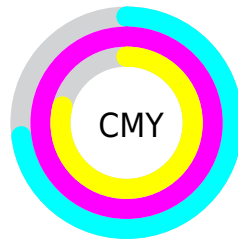
- Red (27%)
- Green (0%)
- Blue (21%)



- Red (27%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460035 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 460035 by changing the saturation by 10% instead.

 460035

 460035

 FFEFFF

 2F0020

 793564

 0D0004

 944D7D

 000000

 AF6797

 CC81B1

 E89BCD

 FFB7E9

 FFD3FF

 460035

■ 460737

■ 460E38

■ 46153A

■ 461C3C

■ 46233E

■ 462A3F

■ 463141

■ 463843

■ 463F44

Harmonies

Analogous

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



2A154B



460035



4E001B

Triad

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



460035



242300



002C43

Complementary

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



460035



004611

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.



002D29



460035



032900

Square

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



460035



391900



002C0C



002A54

Rectangle

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



460035



4C0004



002C0C



002D3B

Sweetspot

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



460035



5C4055



100046



2E1D2A



ADADAD



2E2E2E

Same Dimension

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



460035



5C0046



460013



242023



63004B



E300AC

Inverse Universe

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



460035



5C0046



004633



242023



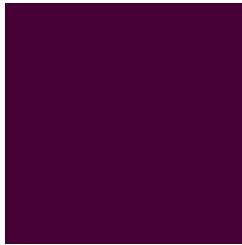
63004B



E300AC

Previews

White Background



This preview shows how the Hex color 460035 looks on a white background.

Color Contrast Check

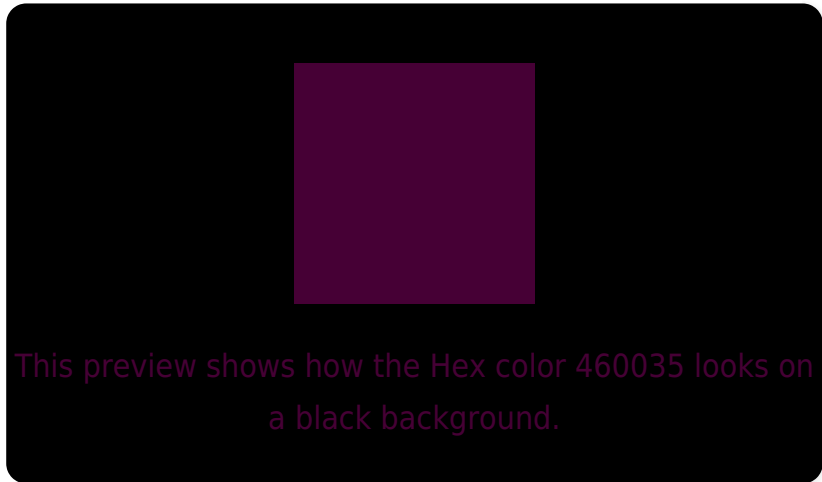
Large Text (above 18pt) WCAG AA ✓ Pass

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

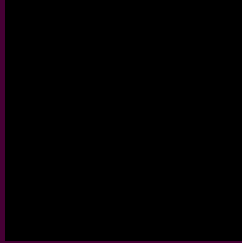
Any Text WCAG AA × Fail

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 460035 Background



This preview shows how black text looks on a background with the Hex color 460035.



This preview shows how white text looks on a background with the Hex color 460035.

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
460035

Protanopia
0D254B

Deuteranopia
232532



Tritanopia
441516

Trichromacy



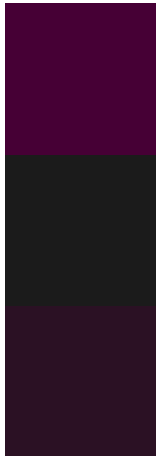
Original Color
460035

Protanomaly
221843

Deuteranomaly
301833

Tritanomaly
450D21

Monochromacy



Original Color
460035

Achromatopsia
1B1B1B

Achromatomaly
2B1124

CSS Examples

Text

The CSS property to change the color of the text to Hex 460035 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 #460035 looks like.

```
.text, #text, p{  
    color:#460035  
}
```

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 #460035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460035
}
```

Border

The CSS property to change the border of an element to Hex 460035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

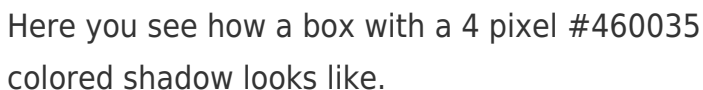
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#460035 }
```

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

```
.border{ border-color:#460035 }
```

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



Here you see how a box with a 4 pixel #460035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460035; -webkit-box-shadow:4px 4px  
4px 4px #460035; box-shadow:4px 4px 4px  
4px #460035 }
```

Background

The CSS property to change the background color of an element to Hex 460035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460035 }
```

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

```
.background{ background-color:#460035 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor