

Converting Colors

Hex(470025)

Have a look what the booklet for
Hex(470025) contains.

Hex(470025)	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(470025)

Conversions

Conversions Part 1

Format	Color
Hex	470025
RGB	71, 0, 37
RGB Percent	28%, 0%, 15%
CMY	0.7216, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.48, 0.72
HSL	329°, 100%, 14%
HSV	329°, 100%, 28%
XYZ	2.9325, 1.4732, 1.8801
YIQ	25.4470, 30.4390, 26.5590

Conversions

Conversions Part 2

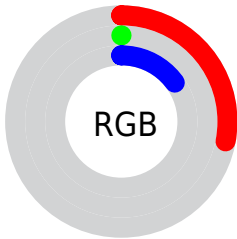
Format	Color
R_{YB}	71, 0, 37
Decimal	4653093
CIE _{Lab}	12.44, 34.25, -2.66
CIE _{LCh}	12, 34.353, 355.551
Yxy	1.4732, 0.4665, 0.2344
Android (android.graphics.Color)	4282843173 (0xFF470025)
YUV	25.4470, 5.6956, 39.9500
Hunter-Lab	12.1374, 21.8861, -0.6877

Details

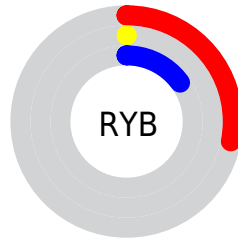
The Hex color **470025** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004722**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **7B3451**, and **040000** is the 20% darker color. If you saturate the color by 10%, you get **470025**, and if you desaturate by 10%, it is **470728**.

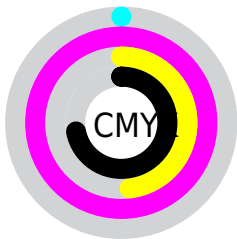
Distribution



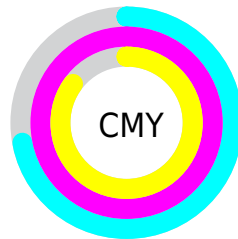
- Red (28%)
- Green (0%)
- Blue (15%)



- Red (28%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (72%)



- Cyan (72%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470025 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 470025 by changing the saturation by 10% instead.

 470025

 470025

 FFEEFF

 300010

 7B3451

 040000

 964D6A

 000000

 B26683

 CE809D

 EB9AB8

 FFB5D3

 FFD1F0

 470025

■ 470728

■ 470E2C

■ 47152F

■ 471C33

■ 472436

■ 472B39

■ 47323D

■ 473940

■ 474044

Harmonies

Analogous

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



390D3C



470025



48040B

Triad

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



470025



162500



002948

Complementary

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



470025



004722

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.



002B34



470025



002900

Square

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



470025



2D1E00



002A1C



002550

Rectangle

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



470025



420E00



002A1C



002A42

Sweetspot

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



470025



5C404F



210047



2E1D26



ADADAD



2E2E2E

Same Dimension

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



470025



5C0030



470002



242022



630034



E30076

Inverse Universe

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



470025



5C0030



004745



242022



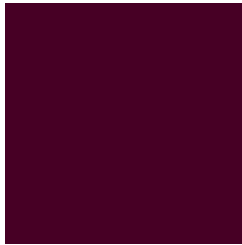
630034



E30076

Previews

White Background



This preview shows how the Hex color 470025 looks on a white background.

Color Contrast Check

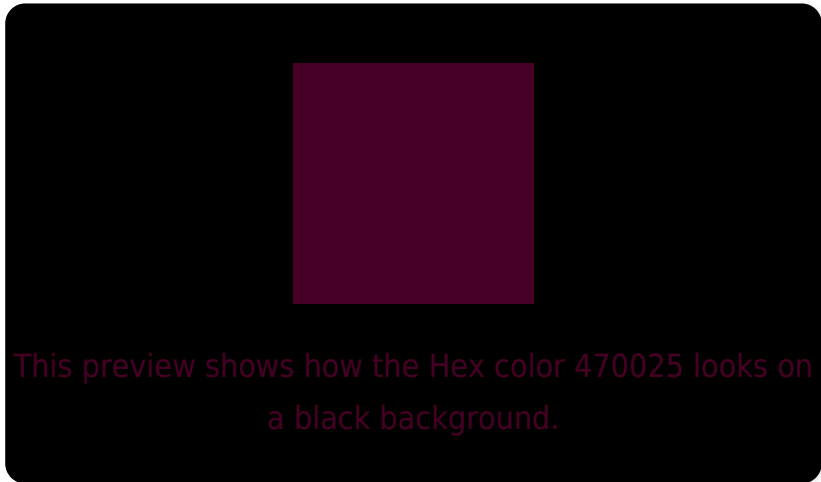
Large Text (above 18pt) WCAG AA ✓ Pass

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

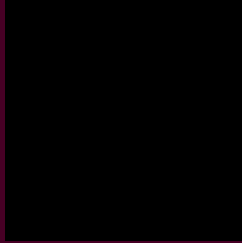
Any Text WCAG AA × Fail

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 470025 Background



This preview shows how black text looks on a background with the Hex color 470025.



This preview shows how white text looks on a background with the Hex color 470025.

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
470025

Protanopia
202435

Deuteranopia
2A2422



Tritanopia
460F0F

Trichromacy



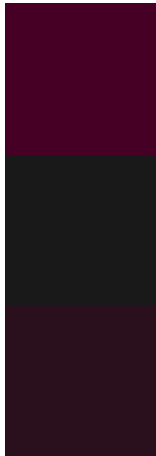
Original Color
470025

Protanomaly
2E172F

Deuteranomaly
351723

Tritanomaly
460A17

Monochromacy



Original Color
470025

Achromatopsia
191919

Achromatomaly
2A101D

CSS Examples

Text

The CSS property to change the color of the text to Hex 470025 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 #470025 looks like.

```
.text, #text, p{  
    color:#470025  
}
```

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 #470025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470025
}
```

Border

The CSS property to change the border of an element to Hex 470025 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".

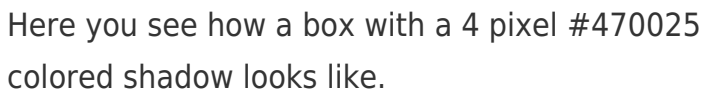
```
.border, #border, table{ border:4px solid
#470025 }
```

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

```
.border{ border-color:#470025 }
```

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

Here you see how a box with a 4 pixel #470025 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470025; -webkit-box-shadow:4px 4px  
4px 4px #470025; box-shadow:4px 4px 4px  
4px #470025 }
```

Background

The CSS property to change the background color of an element to Hex 470025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470025 }
```

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

```
.background{ background-color:#470025 }
```

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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