

Converting Colors

Hex(450737)

Have a look what the booklet for
Hex(450737) contains.

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Color

Hex(450737)

Conversions

Conversions Part 1

Format	Color
Hex	450737
RGB	69, 7, 55
RGB Percent	27%, 3%, 22%
CMY	0.7294, 0.9725, 0.7843
CMYK	0.00, 0.90, 0.20, 0.73
HSL	314°, 82%, 15%
HSV	314°, 90%, 27%
XYZ	3.2198, 1.6930, 3.7715
YIQ	31.0100, 21.5440, 28.0720

Conversions

Conversions Part 2

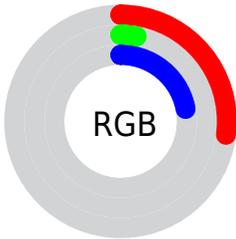
Format	Color
RYB	69, 7, 55
Decimal	4523831
CIELab	13.79, 33.40, -13.84
CIELCh	14, 36.150, 337.490
Yxy	1.6930, 0.3708, 0.1949
Android (android.graphics.Color)	4282713911 (0xFF450737)
YUV	31.0100, 11.8271, 33.3172
Hunter-Lab	13.0115, 21.4011, -8.0776

Details

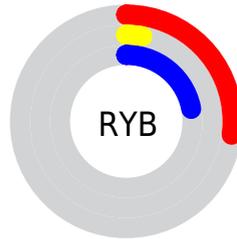
The Hex color **450737** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **074515**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **783966**, and **0D0008** is the 20% darker color. If you saturate the color by 10%, you get **450035**, and if you desaturate by 10%, it is **450E39**.

Distribution



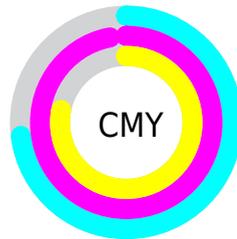
- Red (27%)
- Green (3%)
- Blue (22%)



- Red (27%)
- Yellow (3%)
- Blue (22%)



- Cyan (0%)
- Magenta (90%)
- Yellow (20%)
- Black (73%)



- Cyan (73%)
- Magenta (97%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450737 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 450737 by changing the saturation by 10% instead.

 450737

 450737

 FFF4FF

 2E0022

 783966

 0D0008

 92527F

 000000

 AE6B99

 CA85B4

 E6A0CF

 FFBEC

 FFD7FF

 450737

 450737

■ 450035

■ 450E39

■ 45153A

■ 451C3C

■ 45233D

■ 452A3F

■ 453040

■ 453742

■ 453E43

■ 454545

Harmonies

Analogous

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



2A194C



450737



4E001E

Triad

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



450737



272400



002D42

Complementary

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



450737



074515

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.



002E29



450737



0C2A00

Square

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



450737



3C1A00



002D0E



002B52

Rectangle

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



450737



4D050C



002D0E



002E3A

Sweetspot

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



450737



594154



140745



2E1F2B



ADADAD



2E2E2E

Same Dimension

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



450737



590045



450719



242023



63004D



E300B0

Inverse Universe

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



450737



590045



074533



242023



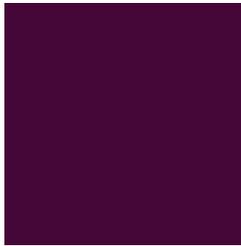
63004D



E300B0

Previews

White Background



This preview shows how the Hex color 450737 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

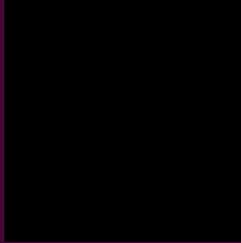
Any Text WCAG AA × Fail

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 450737 Background



This preview shows how black text looks on a background with the Hex color 450737.



This preview shows how white text looks on a background with the Hex color 450737.

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
450737

Protanopia
09254D

Deuteranopia
222634



Tritanopia
421618

Trichromacy



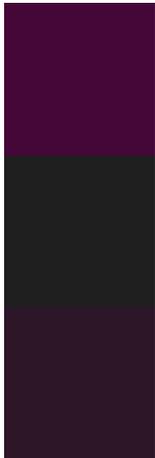
Original Color
450737

Protanomaly
1F1A45

Deuteranomaly
2F1B35

Tritanomaly
431123

Monochromacy



Original Color
450737

Achromatopsia
1F1F1F

Achromatomaly
2D1628

CSS Examples

Text

The CSS property to change the color of the text to Hex 450737 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 #450737 looks like.

```
.text, #text, p{  
    color:#450737  
}
```

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 #450737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450737
}
```

Border

The CSS property to change the border of an element to Hex 450737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

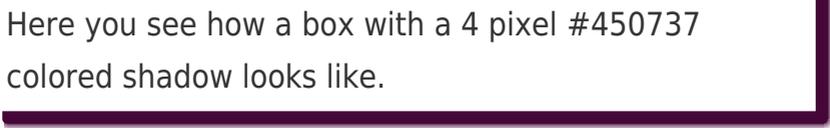
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450737 }
```

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

```
.border{ border-color:#450737 }
```

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



Here you see how a box with a 4 pixel #450737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450737; -webkit-box-shadow:4px 4px  
4px 4px #450737; box-shadow:4px 4px 4px  
4px #450737 }
```

Background

The CSS property to change the background color of an element to Hex 450737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450737 }
```

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

```
.background{ background-color:#450737 }
```

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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