

Converting Colors

Hex(450021)

Have a look what the booklet for
Hex(450021) contains.

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Color

Hex(450021)

Conversions

Conversions Part 1

Format	Color
Hex	450021
RGB	69, 0, 33
RGB Percent	27%, 0%, 13%
CMY	0.7294, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.52, 0.73
HSL	331°, 100%, 14%
HSV	331°, 100%, 27%
XYZ	2.7288, 1.3750, 1.5604
YIQ	24.3930, 30.5310, 24.8910

Conversions

Conversions Part 2

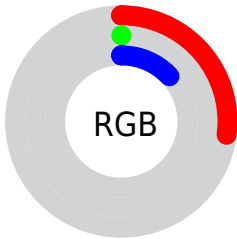
Format	Color
RYB	69, 0, 33
Decimal	4522017
CIELab	11.79, 33.32, -0.67
CIElCh	12, 33.322, 358.855
Yxy	1.3750, 0.4818, 0.2428
Android (android.graphics.Color)	4282712097 (0xFF450021)
YUV	24.3930, 4.2433, 39.1203
Hunter-Lab	11.7261, 21.0177, 0.3184

Details

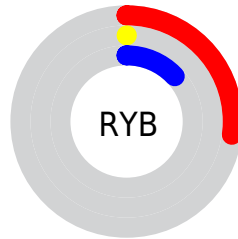
The Hex color **450021** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004524**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **79334D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **450021**, and if you desaturate by 10%, it is **450725**.

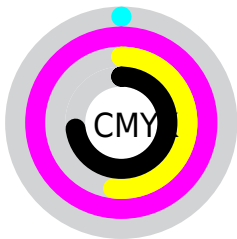
Distribution



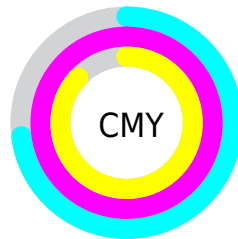
- Red (27%)
- Green (0%)
- Blue (13%)



- Red (27%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450021 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 450021 by changing the saturation by 10% instead.

 450021

 450021

 FFEDFF

 2F000A

 79334D

 000000

 944C65

 B0657E

 CC7F98

 E999B2

 FFB4CE

 FFD0EA

 450021

■ 450725

■ 450E28

■ 45152C

■ 451C2F

■ 452333

■ 452937

■ 45303A

■ 45373E

■ 453E41

Harmonies

Analogous

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



390B37



450021



450506

Triad

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



450021



132400



002746

Complementary

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



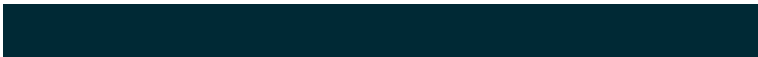
450021



004524

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.



002935



450021



002700

Square

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



450021



291E00



00291D



00224D

Rectangle

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



450021



3F0F00



00291D



002841

Sweetspot

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



450021



593E4B



240045



2E1D25



ADADAD



2E2E2E

Same Dimension

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



450021



59002B



450100



242022



630030



E3006D

Inverse Universe

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



450021



59002B



004445



242022



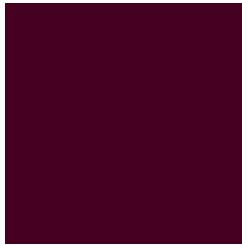
630030



E3006D

Previews

White Background



This preview shows how the Hex color 450021 looks on a white background.

Color Contrast Check

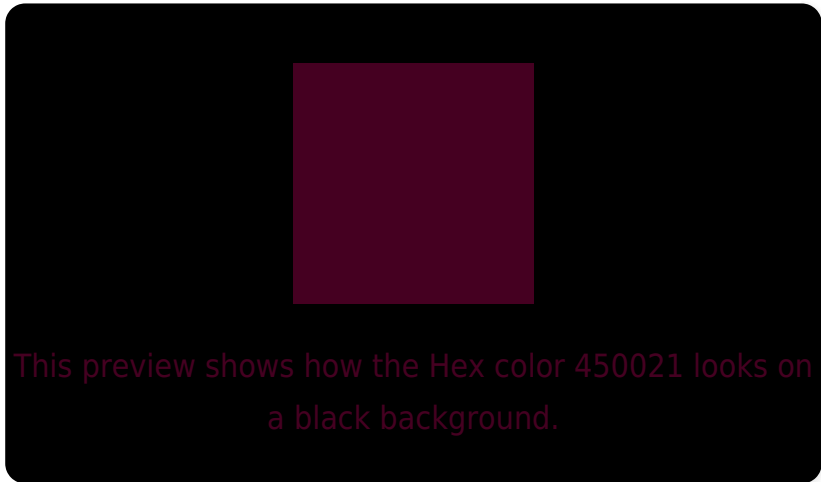
Large Text (above 18pt) WCAG AA ✓ Pass

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

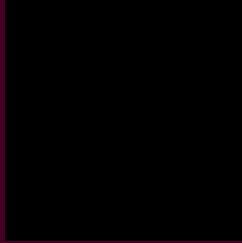
Any Text WCAG AA × Fail

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 450021 Background



This preview shows how black text looks on a background with the Hex color 450021.



This preview shows how white text looks on a background with the Hex color 450021.

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](#).

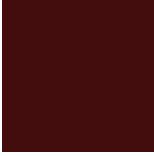
Dichromacy



Original Color
450021

Protanopia
202330

Deuteranopia
29221E



Tritanopia
440D0D

Trichromacy



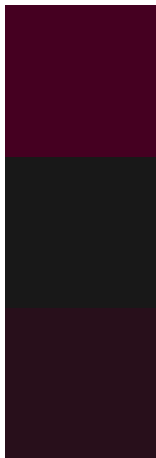
Original Color
450021

Protanomaly
2D162B

Deuteranomaly
33161F

Tritanomaly
440814

Monochromacy



Original Color
450021

Achromatopsia
181818

Achromatomaly
280F1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 450021 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 #450021 looks like.

```
.text, #text, p{  
    color:#450021  
}
```

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 #450021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450021
}
```

Border

The CSS property to change the border of an element to Hex 450021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

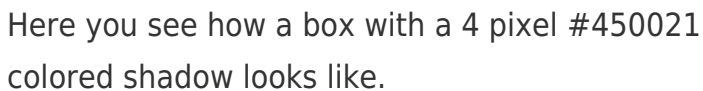
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450021 }
```

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

```
.border{ border-color:#450021 }
```

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



Here you see how a box with a 4 pixel #450021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450021; -webkit-box-shadow:4px 4px  
4px 4px #450021; box-shadow:4px 4px 4px  
4px #450021 }
```

Background

The CSS property to change the background color of an element to Hex 450021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450021 }
```

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

```
.background{ background-color:#450021 }
```

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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