

Converting Colors

Hex(45002C)

Have a look what the booklet for
Hex(45002C) contains.

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Color

Hex(45002C)

Conversions

Conversions Part 1

Format	Color
Hex	45002C
RGB	69, 0, 44
RGB Percent	27%, 0%, 17%
CMY	0.7294, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.36, 0.73
HSL	322°, 100%, 14%
HSV	322°, 100%, 27%
XYZ	2.9089, 1.4471, 2.5089
YIQ	25.6470, 27.0000, 28.3120

Conversions

Conversions Part 2

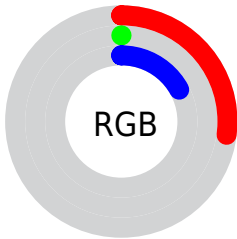
Format	Color
R_{YB}	69, 0, 44
Decimal	4522028
CIE _{Lab}	12.27, 34.56, -8.17
CIE _{LCh}	12, 35.510, 346.690
Yxy	1.4471, 0.4237, 0.2108
Android (android.graphics.Color)	4282712108 (0xFF45002C)
YUV	25.6470, 9.0480, 38.0206
Hunter-Lab	12.0294, 22.1123, -3.9451

Details

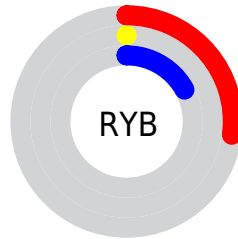
The Hex color **45002C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004519**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **78345A**, and **030000** is the 20% darker color. If you saturate the color by 10%, you get **45002C**, and if you desaturate by 10%, it is **45072E**.

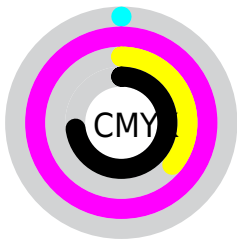
Distribution



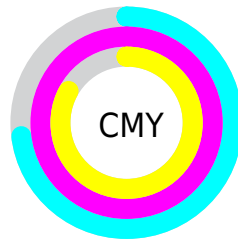
- Red (27%)
- Green (0%)
- Blue (17%)



- Red (27%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45002C 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 45002C by changing the saturation by 10% instead.

 45002C

 45002C

 FFEEFF

 2E0018

 78345A

 030000

 934C72

 000000

 AF668C

 CB7FA6

 E89AC1

 FFB5DD

 FFD1F9

 45002C

■ 45072E

■ 450E31

■ 451533

■ 451C36

■ 452338

■ 45293B

■ 45303D

■ 453740

■ 453E42

Harmonies

Analogous

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



311142



45002C



490013

Triad

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



45002C



1D2300



002A44

Complementary

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



45002C



004519

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.



002B2D



45002C



002700

Square

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



45002C



321B00



002A14



002650

Rectangle

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



45002C



460700



002A14



002A3D

Sweetspot

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



45002C



593E50



180045



2E1D28



ADADAD



2E2E2E

Same Dimension

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



45002C



590039



45000A



242022



63003F



E30091

Inverse Universe

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



45002C



590039



00453B



242022



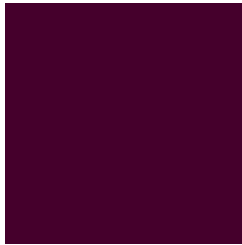
63003F



E30091

Previews

White Background



This preview shows how the Hex color 45002C looks on a white background.

Color Contrast Check

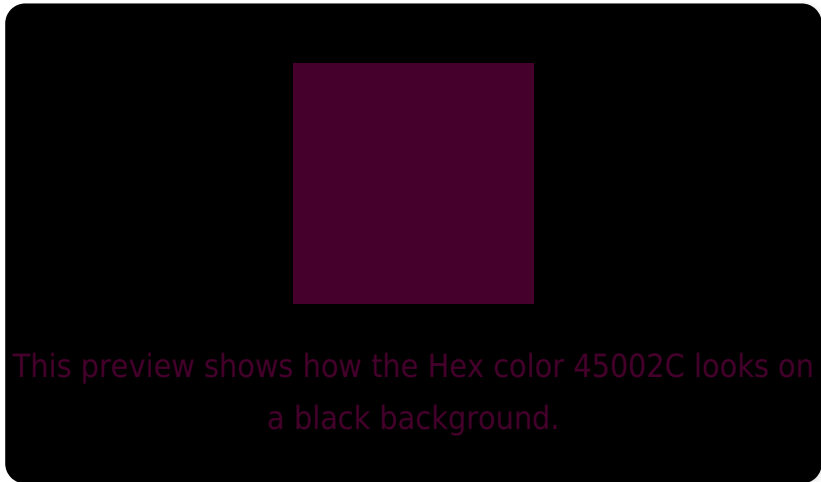
Large Text (above 18pt) WCAG AA ✓ Pass

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

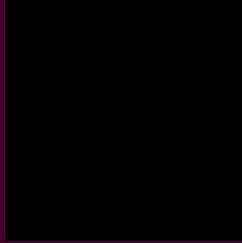
Any Text WCAG AA × Fail

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 45002C Background



This preview shows how black text looks on a background with the Hex color 45002C.



This preview shows how white text looks on a background with the Hex color 45002C.

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
45002C

Protanopia
19243F

Deuteranopia
262429



Tritanopia
431112

Trichromacy



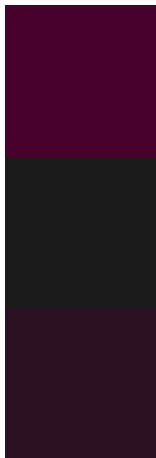
Original Color
45002C

Protanomaly
291738

Deuteranomaly
31172A

Tritanomaly
440B1B

Monochromacy



Original Color
45002C

Achromatopsia
1A1A1A

Achromatomaly
2A1121

CSS Examples

Text

The CSS property to change the color of the text to Hex 45002C 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 #45002C looks like.

```
.text, #text, p{  
    color:#45002C  
}
```

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 #45002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45002C
}
```

Border

The CSS property to change the border of an element to Hex 45002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

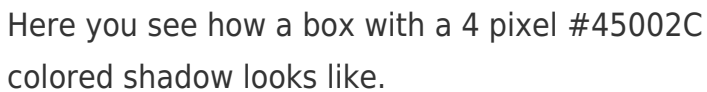
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45002C }
```

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

```
.border{ border-color:#45002C }
```

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



Here you see how a box with a 4 pixel #45002C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45002C; -webkit-box-shadow:4px 4px  
4px 4px #45002C; box-shadow:4px 4px 4px  
4px #45002C }
```

Background

The CSS property to change the background color of an element to Hex 45002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45002C }
```

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

```
.background{ background-color:#45002C }
```

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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