

Converting Colors

Hex(4C0E45)

Have a look what the booklet for
Hex(4C0E45) contains.

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Color

Hex(4C0E45)

Conversions

Conversions Part 1

Format	Color
Hex	4C0E45
RGB	76, 14, 69
RGB Percent	30%, 5%, 27%
CMY	0.7020, 0.9451, 0.7294
CMYK	0.00, 0.82, 0.09, 0.70
HSL	307°, 69%, 18%
HSV	307°, 82%, 30%
XYZ	4.2117, 2.2802, 5.8484
YIQ	38.8080, 19.2970, 30.2490

Conversions

Conversions Part 2

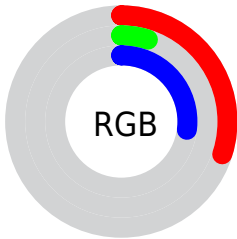
Format	Color
RYB	76, 14, 69
Decimal	4984389
CIELab	16.89, 35.15, -18.75
CIELCh	17, 39.835, 331.926
Yxy	2.2802, 0.3413, 0.1848
Android (android.graphics.Color)	4283174469 (0xFF4C0E45)
YUV	38.8080, 14.8847, 32.6174
Hunter-Lab	15.1005, 23.3599, -12.3925




Details

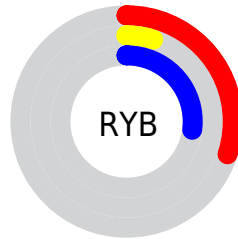
The Hex color **4C0E45** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E4C15**, and the grayscale version is **272727**.



A 20% lighter version of the original color is **7F4076**, and **1D001A** is the 20% darker color. If you saturate the color by 10%, you get **4C0644**, and if you desaturate by 10%, it is **4C1646**.

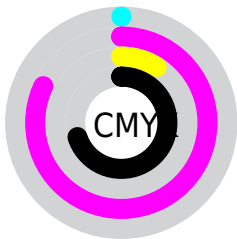
Distribution







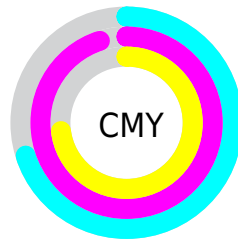
-  Red (30%)
-  Green (5%)
-  Blue (27%)






-  Red (30%)
-  Yellow (5%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (9%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (95%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0E45 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 4C0E45 by changing the saturation by 10% instead.

 4C0E45

 4C0E45

 FFFCFF

 34002E

 7F4076

 1D001A

 9A598F

 000000

 B572AA

 D28CC5

 EEA7E1

 FFC3FE

 FFDFFF

 4C0E45

 4C0E45

■ 4C0644

■ 4C1646

■ 4C0043

■ 4C1D47

■ 4C2548

■ 4C2C48

■ 4C3449

■ 4C3C4A

■ 4C434B

■ 4C4B4C

■ 4C524D

Harmonies

Analogous

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



28215B



4C0E45



590029

Triad

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



4C0E45



332900



003547

Complementary

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



4C0E45



0E4C15

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.



00352B



4C0E45



173000

Square

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



4C0E45



491D00



00340C



00335C

Rectangle

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



4C0E45



590417



00340C



00363E

Sweetspot

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



4C0E45



634C61



140E4C



332431



B3B3B3



333333

Same Dimension

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



4C0E45



630258



4C0E27



262226



66005A



E600CC

Inverse Universe

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



4C0E45



630258



0E4C33



262226



66005A



E600CC

Previews

White Background



This preview shows how the Hex color 4C0E45 looks on a white background.

Color Contrast Check

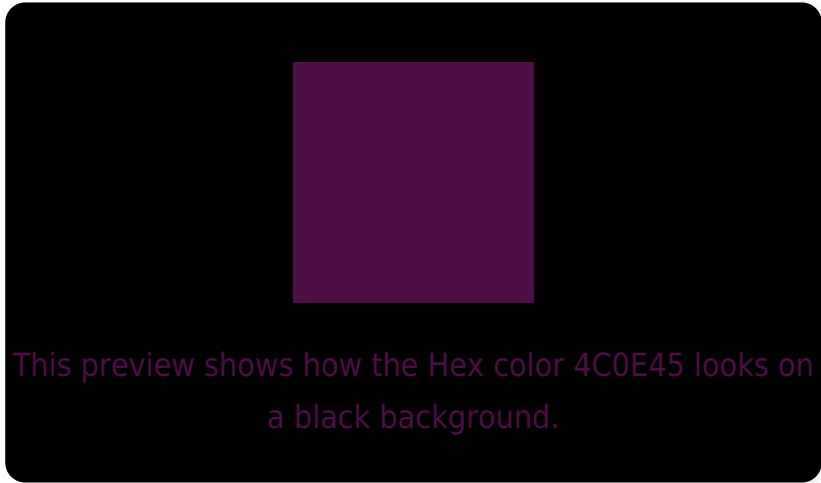
Large Text (above 18pt) WCAG AA ✓ Pass

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

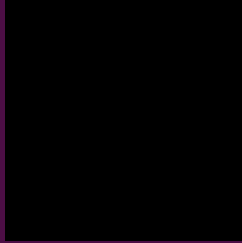
Any Text WCAG AA × Fail

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 4C0E45 Background



This preview shows how black text looks on a background with the Hex color 4C0E45.



This preview shows how white text looks on a background with the Hex color 4C0E45.

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
4C0E45

Protanopia
002A5A

Deuteranopia
222C41



Tritanopia
481D1F

Trichromacy



Original Color
4C0E45

Protanomaly
1C2052

Deuteranomaly
312142

Tritanomaly
49182D

Monochromacy



Original Color
4C0E45

Achromatopsia
272727

Achromatomaly
341E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0E45 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 #4C0E45 looks like.

```
.text, #text, p{  
    color:#4C0E45  
}
```

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 #4C0E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0E45
}
```

Border

The CSS property to change the border of an element to Hex 4C0E45 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".

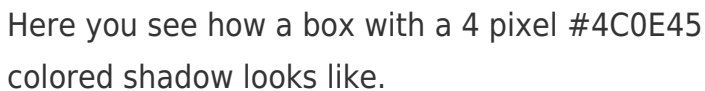
```
.border, #border, table{ border:4px solid
#4C0E45 }
```

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

```
.border{ border-color:#4C0E45 }
```

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

Here you see how a box with a 4 pixel #4C0E45 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0E45; -webkit-box-shadow:4px 4px  
4px 4px #4C0E45; box-shadow:4px 4px 4px  
4px #4C0E45 }
```

Background

The CSS property to change the background color of an element to Hex 4C0E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0E45 }
```

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

```
.background{ background-color:#4C0E45 }
```

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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