

Converting Colors

Hex(4B0A49)

Have a look what the booklet for
Hex(4B0A49) contains.

Hex(4B0A49)	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(4B0A49)

Conversions

Conversions Part 1

Format	Color
Hex	4B0A49
RGB	75, 10, 73
RGB Percent	29%, 4%, 29%
CMY	0.7059, 0.9608, 0.7137
CMYK	0.00, 0.87, 0.03, 0.71
HSL	302°, 76%, 17%
HSV	302°, 87%, 29%
XYZ	4.2128, 2.1940, 6.5048
YIQ	36.6170, 18.5170, 33.3730

Conversions

Conversions Part 2

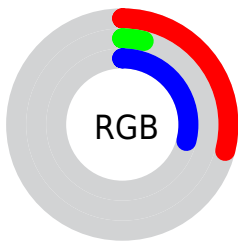
Format	Color
R_{YB}	75, 10, 73
Decimal	4917833
CIE _{Lab}	16.47, 36.97, -22.19
CIE _{LCh}	16, 43.125, 329.025
Yxy	2.1940, 0.3263, 0.1699
Android (android.graphics.Color)	4283107913 (0xFF4B0A49)
YUV	36.6170, 17.9368, 33.6619
Hunter-Lab	14.8121, 24.8471, -15.6689




Details

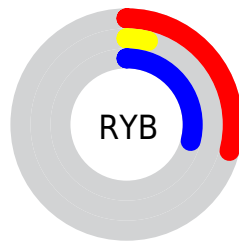
The Hex color **4B0A49** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0A4B0C**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **7E3E7A**, and **1C001D** is the 20% darker color. If you saturate the color by 10%, you get **4B0349**, and if you desaturate by 10%, it is **4B1249**.

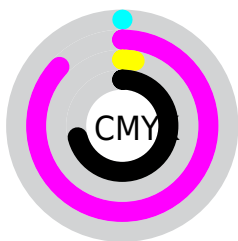
Distribution







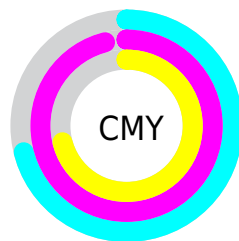
-  Red (29%)
-  Green (4%)
-  Blue (29%)






-  Red (29%)
-  Yellow (4%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (87%)
-  Yellow (3%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (96%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0A49 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 4B0A49 by changing the saturation by 10% instead.

 4B0A49

 4B0A49

 FFF9FF

 330032

 7E3E7A

 1C001D

 995694

 000000

 B570AF

 D18ACA

 EDA5E6

 FFC0FF

 FFDDFF

 4B0A49

 4B0A49

■ 4B0349

■ 4B1249

■ 4B0049

■ 4B1949

■ 4B214A

■ 4B284A

■ 4B304A

■ 4B374A

■ 4B3F4B

■ 4B464B

■ 4B4E4B

Harmonies

Analogous

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



1E215F



4B0A49



5B002B

Triad

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



4B0A49



342700



003546

Complementary

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



4B0A49



0A4B0C

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.



003527



4B0A49



162F00

Square

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



4B0A49



4C1900



003302



00335E

Rectangle

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



4B0A49



5C0017



003302



00353C

Sweetspot

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



4B0A49



614860



0B0A4B



302130



B0B0B0



303030

Same Dimension

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



4B0A49



61005E



4B0A29



262226



660063



E600DE

Inverse Universe

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



4B0A49



61005E



0A4B2C



262226



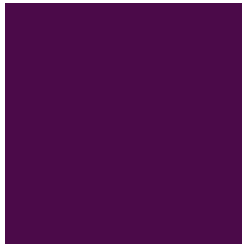
660063



E600DE

Previews

White Background



This preview shows how the Hex color 4B0A49 looks on a white background.

Color Contrast Check

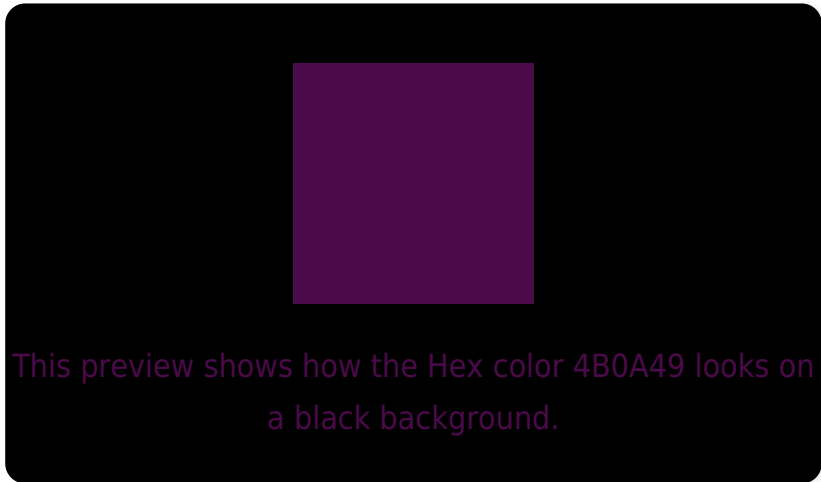
Large Text (above 18pt) WCAG AA ✓ Pass

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

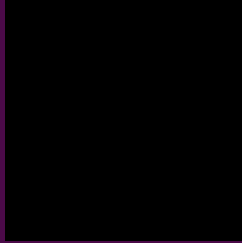
Any Text WCAG AA × Fail

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 4B0A49 Background



This preview shows how black text looks on a background with the Hex color 4B0A49.



This preview shows how white text looks on a background with the Hex color 4B0A49.

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
4B0A49

Protanopia
002A59

Deuteranopia
1D2B45



Tritanopia
471E20

Trichromacy



Original Color
4B0A49

Protanomaly
1B1E53

Deuteranomaly
2E1F46

Tritanomaly
48172F

Monochromacy



Original Color
4B0A49

Achromatopsia
252525

Achromatomaly
331B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0A49 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 #4B0A49 looks like.

```
.text, #text, p{  
    color:#4B0A49  
}
```

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 #4B0A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0A49
}
```

Border

The CSS property to change the border of an element to Hex 4B0A49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

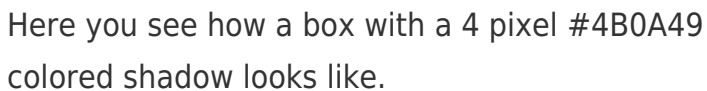
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0A49 }
```

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

```
.border{ border-color:#4B0A49 }
```

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



Here you see how a box with a 4 pixel #4B0A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0A49; -webkit-box-shadow:4px 4px  
4px 4px #4B0A49; box-shadow:4px 4px 4px  
4px #4B0A49 }
```

Background

The CSS property to change the background color of an element to Hex 4B0A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0A49 }
```

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

```
.background{ background-color:#4B0A49 }
```

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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