

Converting Colors

Hex(4B0057)

Have a look what the booklet for
Hex(4B0057) contains.

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Color

Hex(4B0057)

Conversions

Conversions Part 1

Format	Color
Hex	4B0057
RGB	75, 0, 87
RGB Percent	29%, 0%, 34%
CMY	0.7059, 1.0000, 0.6588
CMYK	0.14, 1.00, 0.00, 0.66
HSL	292°, 100%, 17%
HSV	292°, 100%, 34%
XYZ	4.6220, 2.1840, 9.1948
YIQ	32.3430, 16.7730, 42.9570

Conversions

Conversions Part 2

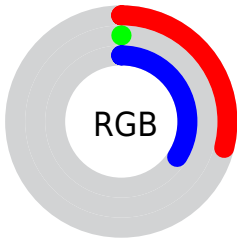
Format	Color
R_YB	75, 0, 87
Decimal	4915287
CIE Lab	16.42, 42.74, -31.84
CIE LCh	16, 53.297, 323.314
Yxy	2.1840, 0.2889, 0.1365
Android (android.graphics.Color)	4283105367 (0xFF4B0057)
YUV	32.3430, 26.9459, 37.4102
Hunter-Lab	14.7783, 29.9644, -26.5443

Details

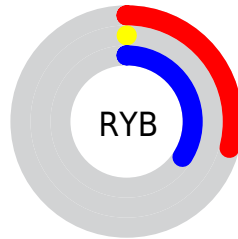
The Hex color **4B0057** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0C5700**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7F3989**, and **1C0029** is the 20% darker color. If you saturate the color by 10%, you get **4B0057**, and if you desaturate by 10%, it is **4C0957**.

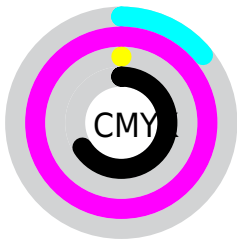
Distribution



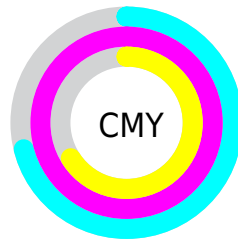
- Red (29%)
- Green (0%)
- Blue (34%)



- Red (29%)
- Yellow (0%)
- Blue (34%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (66%)



- Cyan (71%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0057 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 4B0057 by changing the saturation by 10% instead.

 4B0057

 4B0057

 FFF6FF

 32003F

 7F3989

 1C0029

 9A52A4

 000112

 B66CBF

 000000

 D286DB

 EFA1F8

 FFBDFE

 FFD9FF

 4B0057

■ 4C0957

■ 4D1157

■ 4F1A57

■ 502357

■ 512C57

■ 523457

■ 533D57

■ 554657

■ 564E57

Harmonies

Analogous

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



002370



4B0057



640033

Triad

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



4B0057



3B2400



003746

Complementary

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



4B0057



0C5700

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.



00361F



4B0057



152F00

Square

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



4B0057



550C00



003400



003666

Rectangle

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



4B0057



66001A



003400



003739

Sweetspot

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



4B0057



6C4F70



000D57



352438



B8B8B8



383838

Same Dimension

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



4B0057



610070



570039



2B272B



5C006B



CA00EB

Inverse Universe

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



57000C



70000F



00571E



2B2728



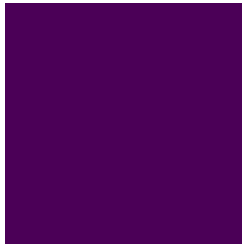
6B000F



EB0020

Previews

White Background



This preview shows how the Hex color 4B0057 looks on a white background.

Color Contrast Check

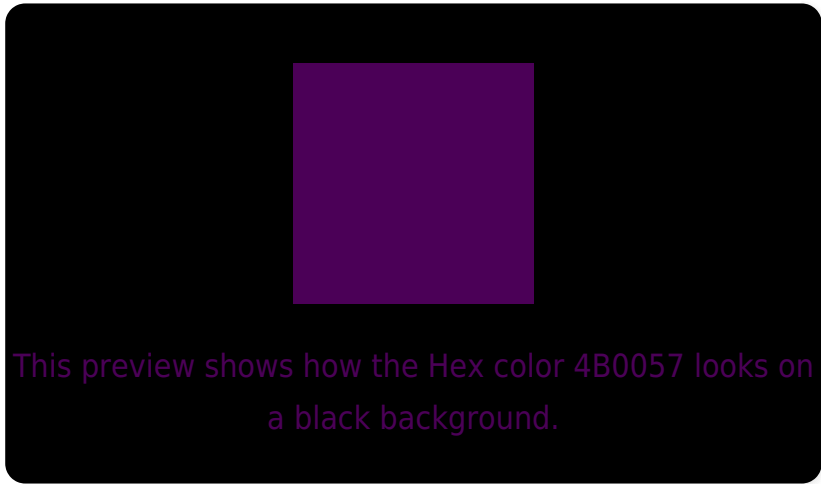
Large Text (above 18pt) WCAG AA ✓ Pass

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

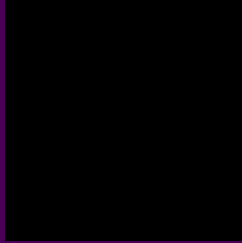
Any Text WCAG AA × Fail

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 4B0057 Background



This preview shows how black text looks on a background with the Hex color 4B0057.

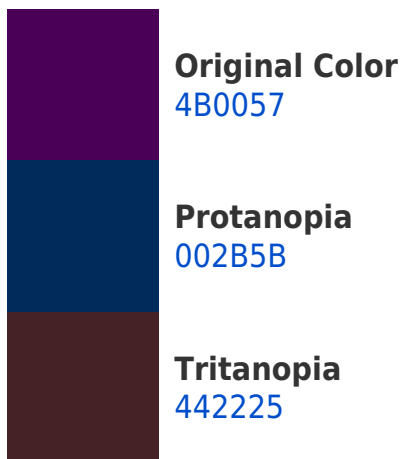


This preview shows how white text looks on a background with the Hex color 4B0057.

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



Trichromacy

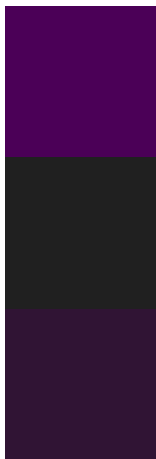


Original Color
4B0057

Protanomaly
1B1B5A

Tritanomaly
471637

Monochromacy



Original Color
4B0057

Achromatopsia
202020

Achromatomaly
301434

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0057 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 #4B0057 looks like.

```
.text, #text, p{  
    color:#4B0057  
}
```

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 #4B0057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0057
}
```

Border

The CSS property to change the border of an element to Hex 4B0057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

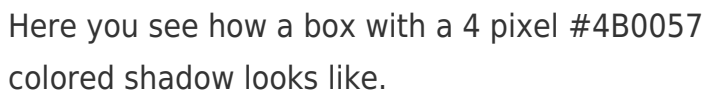
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0057 }
```

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

```
.border{ border-color:#4B0057 }
```

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



Here you see how a box with a 4 pixel #4B0057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0057; -webkit-box-shadow:4px 4px  
4px 4px #4B0057; box-shadow:4px 4px 4px  
4px #4B0057 }
```

Background

The CSS property to change the background color of an element to Hex 4B0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0057 }
```

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

```
.background{ background-color:#4B0057 }
```

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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