

# Converting Colors

Hex(4B0053)

Have a look what the booklet for  
Hex(4B0053) contains.

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**Color**

**Hex(4B0053)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B0053
RGB	75, 0, 83
RGB Percent	29%, 0%, 33%
CMY	0.7059, 1.0000, 0.6745
CMYK	0.10, 1.00, 0.00, 0.67
HSL	294°, 100%, 16%
HSV	294°, 100%, 33%
XYZ	4.4630, 2.1204, 8.3577
YIQ	31.8870, 18.0570, 41.7130

# Conversions

## Conversions Part 2

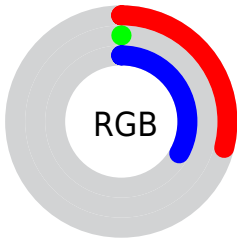
Format	Color
<a href="#">RYB</a>	<a href="#">75, 0, 83</a>
Decimal	<a href="#">4915283</a>
CIELab	<a href="#">16.11, 41.99, -29.64</a>
CIElCh	<a href="#">16, 51.400, 324.784</a>
Yxy	<a href="#">2.1204, 0.2987, 0.1419</a>
Android (android.graphics.Color)	<a href="#">4283105363 (0xFF4B0053)</a>
YUV	<a href="#">31.8870, 25.1987, 37.8101</a>
Hunter-Lab	<a href="#">14.5616, 29.2259, -23.8366</a>

# Details

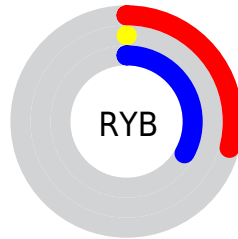
The Hex color **4B0053** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **085300**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7F3885**, and **1B0025** is the 20% darker color. If you saturate the color by 10%, you get **4B0053**, and if you desaturate by 10%, it is **4C0853**.

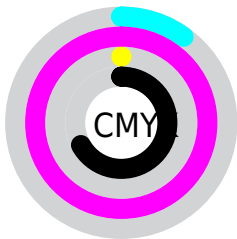
# Distribution



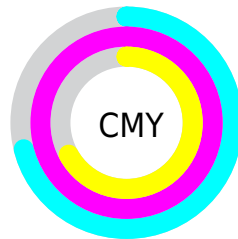
- Red (29%)
- Green (0%)
- Blue (33%)



- Red (29%)
- Yellow (0%)
- Blue (33%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (67%)



- Cyan (71%)
- Magenta (100%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B0053 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 4B0053 by changing the saturation by 10% instead.



 4B0053

 4B0053

 FFF5FF

 32003C

 7F3885

 1B0025

 9A529F

 00010D

 B66BBB

 000000

 D285D6

 EFA0F3

 FFBCFF

 FFD8FF

 4B0053

■ 4C0853

■ 4D1153

■ 4D1953

■ 4E2153

■ 4F2953

■ 503253

■ 513A53

■ 514253

■ 524B53

# Harmonies

## Analogous

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



00226C



4B0053



610030

# Triad

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



4B0053



382500



003646

# Complementary

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



4B0053



085300

# 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.



003520



4B0053



132F00

# Square

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



4B0053



520F00



003300



003565

# Rectangle

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



4B0053



640018



003300



00363A



# Sweetspot

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



4B0053



684B6B



000853



342236



B5B5B5



363636



# Same Dimension

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



4B0053



61006B



530032



282529



5E0069



D200E8



# Inverse Universe

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



530008



6B000A



005321



292525



69000A

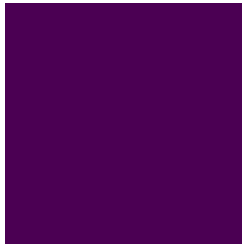


E80016



# Previews

## White Background



This preview shows how the Hex color 4B0053 looks on a white background.

## Color Contrast Check

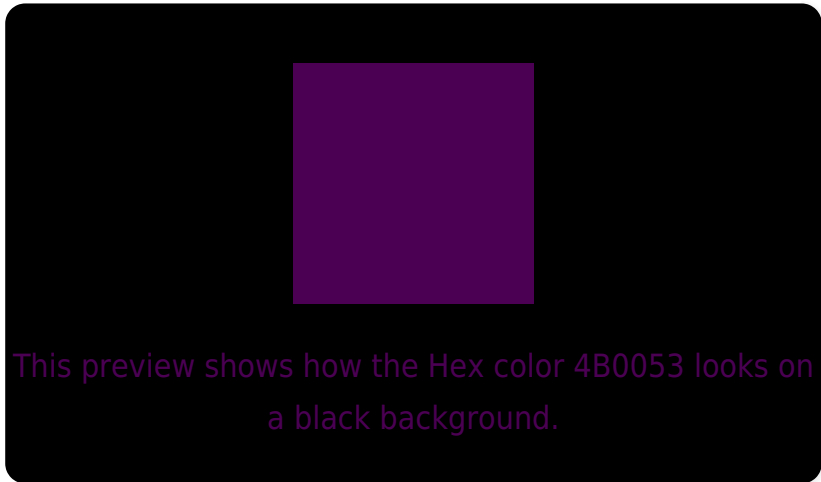
Large Text (above 18pt) WCAG AA ✓ Pass

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

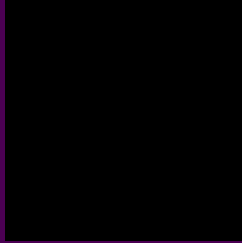
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B0053 Background



This preview shows how black text looks on a background with the Hex color 4B0053.



This preview shows how white text looks on a background with the Hex color 4B0053.

# 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**  
4B0053

**Protanopia**  
002B5A

**Deuteranopia**  
0E2D4E



**Tritanopia**  
452123

# Trichromacy



**Original Color**  
4B0053

**Protanomaly**  
1B1B57

**Deuteranomaly**  
241D50

**Tritanomaly**  
471534

# Monochromacy



**Original Color**  
4B0053

**Achromatopsia**  
202020

**Achromatomaly**  
301433

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B0053 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 #4B0053 looks like.

```
.text, #text, p{  
    color:#4B0053  
}
```

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 #4B0053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0053
}
```

## Border

The CSS property to change the border of an element to Hex 4B0053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

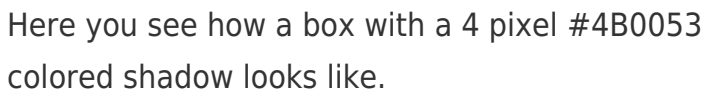
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0053 }
```

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

```
.border{ border-color:#4B0053 }
```

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



Here you see how a box with a 4 pixel #4B0053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0053; -webkit-box-shadow:4px 4px  
4px 4px #4B0053; box-shadow:4px 4px 4px  
4px #4B0053 }
```

# Background

The CSS property to change the background color of an element to Hex 4B0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0053 }
```

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

```
.background{ background-color:#4B0053 }
```

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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