

Converting Colors

Hex(4B0055)

Have a look what the booklet for
Hex(4B0055) contains.

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Color

Hex(4B0055)

Conversions

Conversions Part 1

Format	Color
Hex	4B0055
RGB	75, 0, 85
RGB Percent	29%, 0%, 33%
CMY	0.7059, 1.0000, 0.6667
CMYK	0.12, 1.00, 0.00, 0.67
HSL	293°, 100%, 17%
HSV	293°, 100%, 33%
XYZ	4.5413, 2.1517, 8.7703
YIQ	32.1150, 17.4150, 42.3350

Conversions

Conversions Part 2

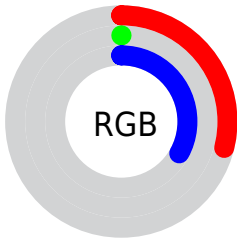
Format	Color
R_{YB}	75, 0, 85
Decimal	4915285
CIE _{Lab}	16.26, 42.36, -30.75
CIE _{LCh}	16, 52.345, 324.030
Yxy	2.1517, 0.2937, 0.1392
Android (android.graphics.Color)	4283105365 (0xFF4B0055)
YUV	32.1150, 26.0723, 37.6101
Hunter-Lab	14.6688, 29.5919, -25.1807

Details

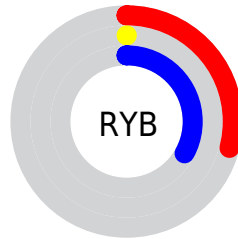
The Hex color **4B0055** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0A5500**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7F3987**, and **1C0027** is the 20% darker color. If you saturate the color by 10%, you get **4B0055**, and if you desaturate by 10%, it is **4C0855**.

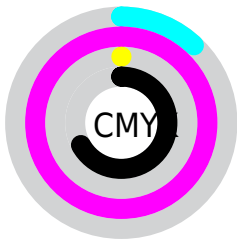
Distribution



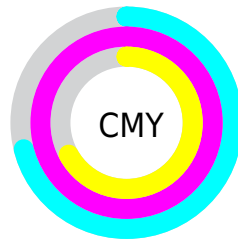
- Red (29%)
- Green (0%)
- Blue (33%)



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



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0055 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 4B0055 by changing the saturation by 10% instead.

 4B0055

 4B0055

 FFF5FF

 32003D

 7F3987

 1C0027

 9A52A2

 000110

 B66BBD

 000000

 D286D9

 EFA1F6

 FFBCFF

 FFD9FF

 4B0055

■ 4C0855

■ 4D1155

■ 4E1955

■ 4F2255

■ 502A55

■ 513355

■ 523B55

■ 534455

■ 544C55

Harmonies

Analogous

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



00226E



4B0055



630032

Triad

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



4B0055



392500



003746

Complementary

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



4B0055



0A5500

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



4B0055



142F00

Square

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



4B0055



540E00



003400



003666

Rectangle

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



4B0055



650019



003400



00373A

Sweetspot

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



4B0055



6A4D6E



000B55



362438



B8B8B8



383838

Same Dimension

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



4B0055



61006E



550036



2B272B



5F006B



CF00EB

Inverse Universe

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



55000A



6E000D



00551F



2B2728



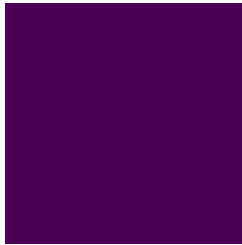
6B000D



EB001C

Previews

White Background



This preview shows how the Hex color 4B0055 looks on a white background.

Color Contrast Check

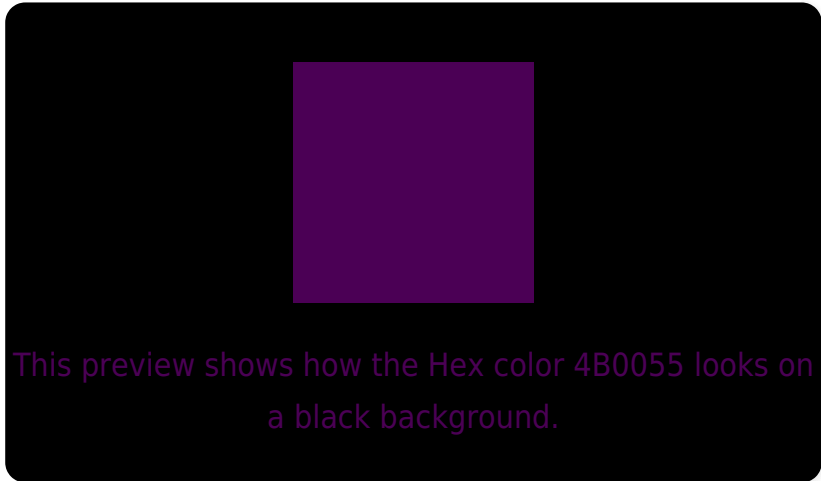
Large Text (above 18pt) WCAG AA ✓ Pass

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

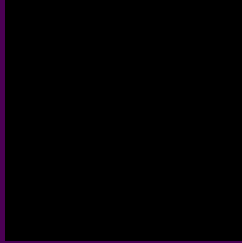
Any Text WCAG AA × Fail

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 4B0055 Background



This preview shows how black text looks on a background with the Hex color 4B0055.



This preview shows how white text looks on a background with the Hex color 4B0055.

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
4B0055

Protanopia
002B5B

Deuteranopia
072D50



Tritanopia
452124

Trichromacy



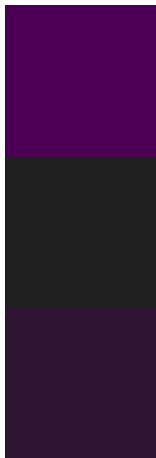
Original Color
4B0055

Protanomaly
1B1B59

Deuteranomaly
201D52

Tritanomaly
471536

Monochromacy



Original Color
4B0055

Achromatopsia
202020

Achromatomaly
301433

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0055 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 #4B0055 looks like.

```
.text, #text, p{  
    color:#4B0055  
}
```

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 #4B0055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0055
}
```

Border

The CSS property to change the border of an element to Hex 4B0055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

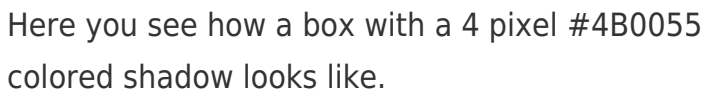
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0055 }
```

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

```
.border{ border-color:#4B0055 }
```

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



Here you see how a box with a 4 pixel #4B0055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0055; -webkit-box-shadow:4px 4px  
4px 4px #4B0055; box-shadow:4px 4px 4px  
4px #4B0055 }
```

Background

The CSS property to change the background color of an element to Hex 4B0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0055 }
```

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

```
.background{ background-color:#4B0055 }
```

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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