

Converting Colors

Hex(4B0146)

Have a look what the booklet for
Hex(4B0146) contains.

Hex(4B0146)	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(4B0146)

Conversions

Conversions Part 1

Format	Color
Hex	4B0146
RGB	75, 1, 70
RGB Percent	29%, 0%, 27%
CMY	0.7059, 0.9961, 0.7255
CMYK	0.00, 0.99, 0.07, 0.71
HSL	304°, 97%, 15%
HSV	304°, 99%, 29%
XYZ	4.0180, 1.9598, 5.9609
YIQ	30.9920, 21.9550, 37.1470

Conversions

Conversions Part 2

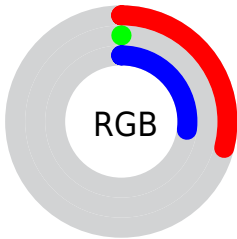
Format	Color
R_YB	75, 1, 70
Decimal	4915526
CIE Lab	15.27, 39.37, -22.02
CIE LCh	15, 45.113, 330.784
Yxy	1.9598, 0.3366, 0.1642
Android (android.graphics.Color)	4283105606 (0xFF4B0146)
YUV	30.9920, 19.2309, 38.5950
Hunter-Lab	13.9991, 26.7341, -15.4463

Details

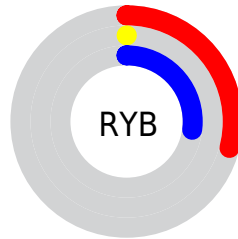
The Hex color **4B0146** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **014B06**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7F3877**, and **1A001A** is the 20% darker color. If you saturate the color by 10%, you get **4B0046**, and if you desaturate by 10%, it is **4B0847**.

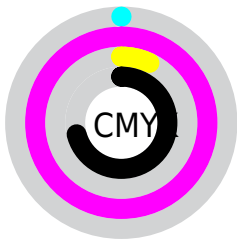
Distribution



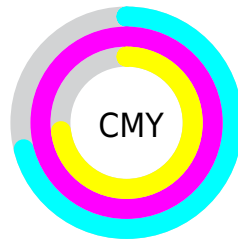
- Red (29%)
- Green (0%)
- Blue (27%)



- Red (29%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (7%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0146 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 4B0146 by changing the saturation by 10% instead.

 4B0146

 4B0146

 FFF4FF

 33002F

 7F3877

 1A001A

 9A5191

 000000

 B56BAB

 D185C7

 EEA0E3

 FFBBFF

 FFD7FF

 4B0146

 4B0146

■ 4B0046

■ 4B0847

■ 4B1047

■ 4B1748

■ 4B1F48

■ 4B2749

■ 4B2E49

■ 4B354A

■ 4B3D4A

■ 4B454B

Harmonies

Analogous

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



1E1D5E



4B0146



5A0027

Triad

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



4B0146



302600



003346

Complementary

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



4B0146



014B06

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.



003326



4B0146



0E2D00

Square

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



4B0146



481700



003100



00315F

Rectangle

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



4B0146



5A0012



003100



00333C

Sweetspot

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



4B0146



61445F



06014B



301F2F



B0B0B0



303030

Same Dimension

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



4B0146



61005A



4B0121



262226



66005F



E600D6

Inverse Universe

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



4B0146



61005A



014B2B



262226



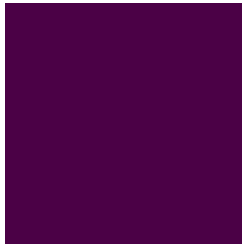
66005F



E600D6

Previews

White Background



This preview shows how the Hex color 4B0146 looks on a white background.

Color Contrast Check

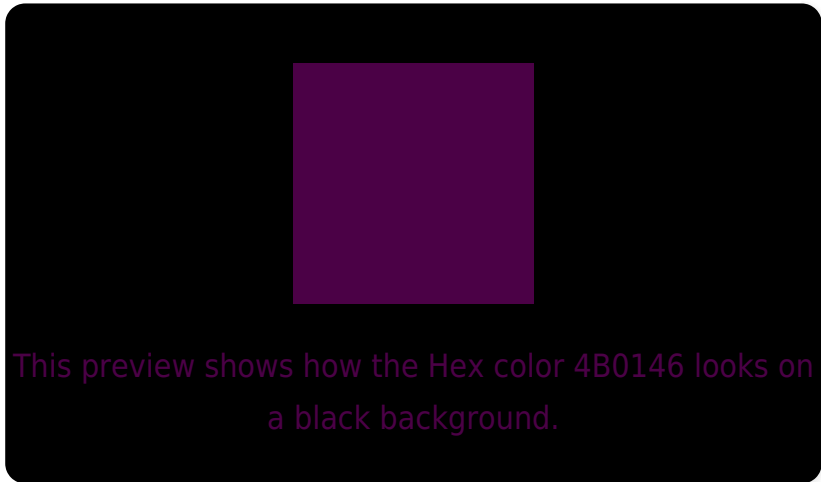
Large Text (above 18pt) WCAG AA ✓ Pass

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

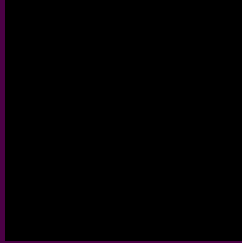
Any Text WCAG AA × Fail

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 4B0146 Background



This preview shows how black text looks on a background with the Hex color 4B0146.



This preview shows how white text looks on a background with the Hex color 4B0146.

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
4B0146

Protanopia
002957

Deuteranopia
1E2A42



Tritanopia
471C1D

Trichromacy



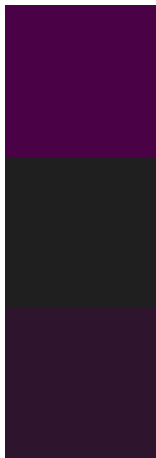
Original Color
4B0146

Protanomaly
1B1A51

Deuteranomaly
2E1B43

Tritanomaly
48122C

Monochromacy



Original Color
4B0146

Achromatopsia
1F1F1F

Achromatomaly
2F142D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0146 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 #4B0146 looks like.

```
.text, #text, p{  
    color:#4B0146  
}
```

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 #4B0146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0146
}
```

Border

The CSS property to change the border of an element to Hex 4B0146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

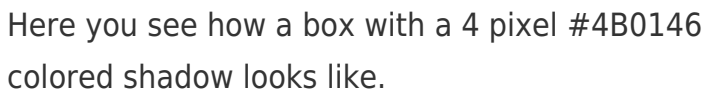
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0146 }
```

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

```
.border{ border-color:#4B0146 }
```

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



Here you see how a box with a 4 pixel #4B0146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0146; -webkit-box-shadow:4px 4px  
4px 4px #4B0146; box-shadow:4px 4px 4px  
4px #4B0146 }
```

Background

The CSS property to change the background color of an element to Hex 4B0146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0146 }
```

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

```
.background{ background-color:#4B0146 }
```

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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