

Converting Colors

Hex(4B1847)

Have a look what the booklet for
Hex(4B1847) contains.

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Color

Hex(4B1847)

Conversions

Conversions Part 1

Format	Color
Hex	4B1847
RGB	75, 24, 71
RGB Percent	29%, 9%, 28%
CMY	0.7059, 0.9059, 0.7216
CMYK	0.00, 0.68, 0.05, 0.71
HSL	305°, 52%, 19%
HSV	305°, 68%, 29%
XYZ	4.3656, 2.6041, 6.2338
YIQ	44.6070, 15.3090, 25.4290

Conversions

Conversions Part 2

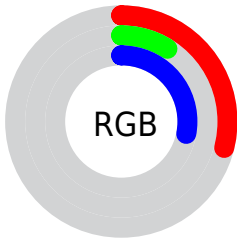
Format	Color
R_YB	75, 24, 71
Decimal	4921415
CIE Lab	18.38, 30.86, -17.80
CIE LCh	18, 35.628, 330.021
Yxy	2.6041, 0.3306, 0.1972
Android (android.graphics.Color)	4283111495 (0xFF4B1847)
YUV	44.6070, 13.0117, 26.6547
Hunter-Lab	16.1371, 20.0502, -11.6078

Details

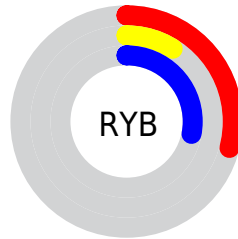
The Hex color **4B1847** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **184B1C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7E4778**, and **1F001C** is the 20% darker color. If you saturate the color by 10%, you get **4B1046**, and if you desaturate by 10%, it is **4B2048**.

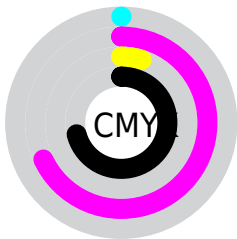
Distribution



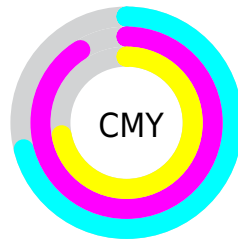
- Red (29%)
- Green (9%)
- Blue (28%)



- Red (29%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (68%)
- Yellow (5%)
- Black (71%)



- Cyan (71%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1847 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 4B1847 by changing the saturation by 10% instead.

 4B1847

 4B1847

FFFFFF

 330030

 7E4778

 1F001C

 986091

 000000

 B379AC

 CF94C7

 ECAEE4

 FFCAFF

 FFE7FF

 4B1847

 4B1847

■ 4B1046

■ 4B2048

■ 4B0946

■ 4B2748

■ 4B0245

■ 4B2F49

■ 4B0045

■ 4B3649

■ 4B3E4A

■ 4B454B

■ 4B4D4B

■ 4B544C

■ 4B5C4C

Harmonies

Analogous

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



2A265A



4B1847



590E2E

Triad

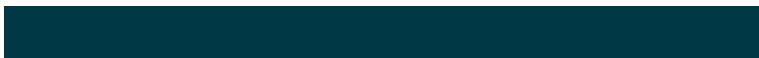
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B1847



382C00



003846

Complementary

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



4B1847



184B1C

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.



00382C



4B1847



203300

Square

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



4B1847



4C2100



003611



003659

Rectangle

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



4B1847



59101D



003611



00383E

Sweetspot

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



4B1847



614E5F



1B184B



302530



B0B0B0



303030

Same Dimension

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



4B1847



61115B



4B182E



262226



66005E



E600D4

Inverse Universe

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



4B1847



61115B



184B35



262226



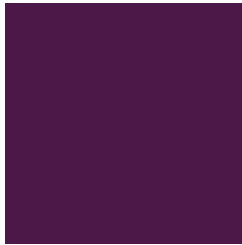
66005E



E600D4

Previews

White Background



This preview shows how the Hex color 4B1847 looks on a white background.

Color Contrast Check

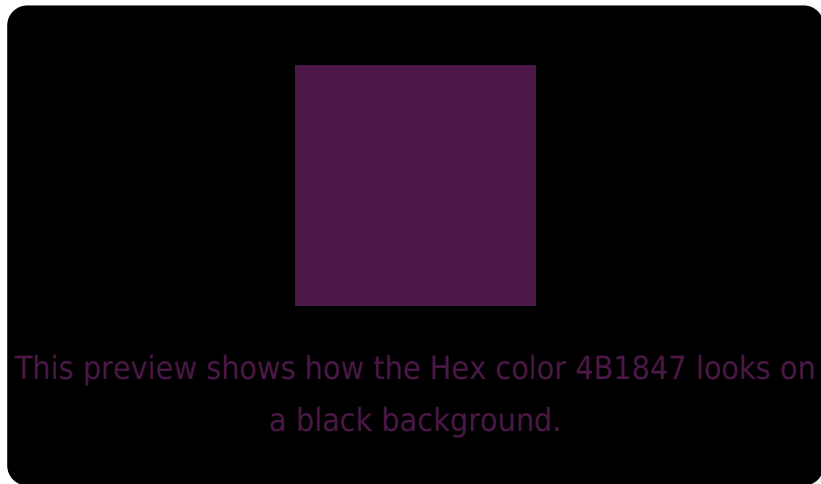
Large Text (above 18pt) WCAG AA ✓ Pass

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

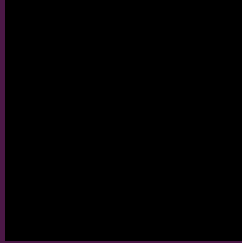
Any Text WCAG AA × Fail

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 4B1847 Background



This preview shows how black text looks on a background with the Hex color 4B1847.



This preview shows how white text looks on a background with the Hex color 4B1847.

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
4B1847

Protanopia
132D5A

Deuteranopia
252E44



Tritanopia
472325

Trichromacy



Original Color
4B1847

Protanomaly
272553

Deuteranomaly
332645

Tritanomaly
481F31

Monochromacy



Original Color
4B1847

Achromatopsia
2D2D2D

Achromatomaly
382536

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1847 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 #4B1847 looks like.

```
.text, #text, p{  
    color:#4B1847  
}
```

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 #4B1847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1847
}
```

Border

The CSS property to change the border of an element to Hex 4B1847 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
#4B1847 }
```

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

```
.border{ border-color:#4B1847 }
```

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

Here you see how a box with a 4 pixel #4B1847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1847; -webkit-box-shadow:4px 4px  
4px 4px #4B1847; box-shadow:4px 4px 4px  
4px #4B1847 }
```

Background

The CSS property to change the background color of an element to Hex 4B1847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1847 }
```

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

```
.background{ background-color:#4B1847 }
```

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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