

Converting Colors

Hex(4B1749)

Have a look what the booklet for
Hex(4B1749) contains.

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Color

Hex(4B1749)

Conversions

Conversions Part 1

Format	Color
Hex	4B1749
RGB	75, 23, 73
RGB Percent	29%, 9%, 29%
CMY	0.7059, 0.9098, 0.7137
CMYK	0.00, 0.69, 0.03, 0.71
HSL	302°, 53%, 19%
HSV	302°, 69%, 29%
XYZ	4.4106, 2.5897, 6.5707
YIQ	44.2480, 14.9420, 26.5740

Conversions

Conversions Part 2

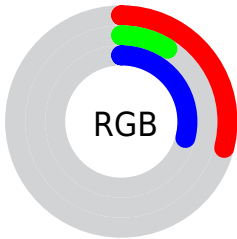
Format	Color
RYB	75, 23, 73
Decimal	4921161
CIELab	18.32, 31.75, -19.28
CIElCh	18, 37.142, 328.735
Yxy	2.5897, 0.3250, 0.1908
Android (android.graphics.Color)	4283111241 (0xFF4B1749)
YUV	44.2480, 14.1747, 26.9695
Hunter-Lab	16.0925, 20.7615, -12.9439

Details

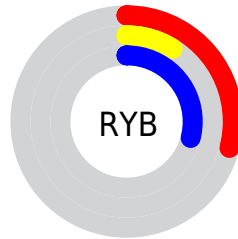
The Hex color **4B1749** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174B19**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7E477A**, and **1F001D** is the 20% darker color. If you saturate the color by 10%, you get **4B1049**, and if you desaturate by 10%, it is **4B1F49**.

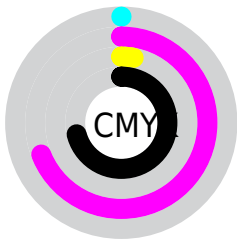
Distribution



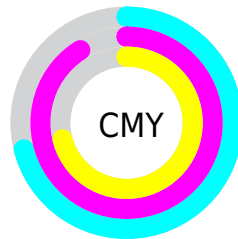
- Red (29%)
- Green (9%)
- Blue (29%)



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



- Cyan (0%)
- Magenta (69%)
- Yellow (3%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1749 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 4B1749 by changing the saturation by 10% instead.

 4B1749

 4B1749

FFFFFF

 330032

 7E477A

 1F001D

 985F94

 000000

 B479AE

 D093CA

 ECAEE6

 FFC9FF

 FFE6FF

 4B1749

 4B1749

■ 4B1049

■ 4B1F49

■ 4B0848

■ 4B264A

■ 4B0148

■ 4B2E4A

■ 4B0048

■ 4B354A

■ 4B3D4A

■ 4B444B

■ 4B4C4B

■ 4B534B

■ 4B5B4C

Harmonies

Analogous

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



27265C



4B1749



5A0A2F

Triad

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



4B1749



392B00



003846

Complementary

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



4B1749



174B19

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.



00382B



4B1749



203200

Square

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



4B1749



4E2000



00360E



00365B

Rectangle

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



4B1749



5B0D1D



00360E



00383D

Sweetspot

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



4B1749



614D60



19174B



302430



B0B0B0



303030

Same Dimension

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



4B1749



61105E



4B172F



262226



660062



E600DD

Inverse Universe

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



4B1749



61105E



174B33



262226



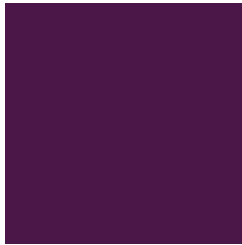
660062



E600DD

Previews

White Background



This preview shows how the Hex color 4B1749 looks on a white background.

Color Contrast Check

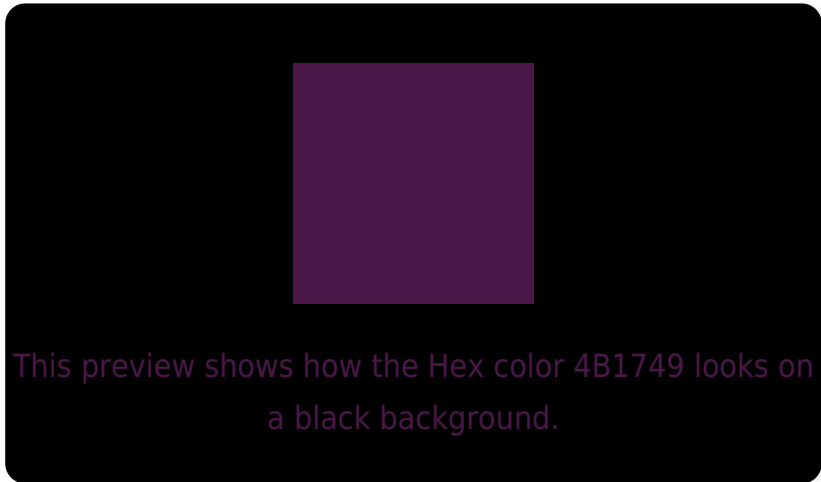
Large Text (above 18pt) WCAG AA ✓ Pass

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

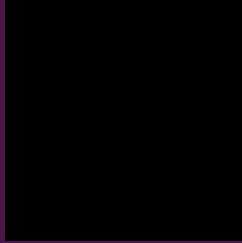
Any Text WCAG AA × Fail

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 4B1749 Background



This preview shows how black text looks on a background with the Hex color 4B1749.



This preview shows how white text looks on a background with the Hex color 4B1749.

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
4B1749

Protanopia
0C2C5D

Deuteranopia
232E45



Tritanopia
472325

Trichromacy



Original Color
4B1749

Protanomaly
232456

Deuteranomaly
322646

Tritanomaly
481F32

Monochromacy



Original Color
4B1749

Achromatopsia
2C2C2C

Achromatomaly
372437

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1749 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 #4B1749 looks like.

```
.text, #text, p{  
    color:#4B1749  
}
```

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 #4B1749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1749
}
```

Border

The CSS property to change the border of an element to Hex 4B1749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

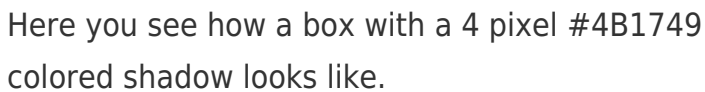
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B1749 }
```

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

```
.border{ border-color:#4B1749 }
```

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



Here you see how a box with a 4 pixel #4B1749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1749; -webkit-box-shadow:4px 4px  
4px 4px #4B1749; box-shadow:4px 4px 4px  
4px #4B1749 }
```

Background

The CSS property to change the background color of an element to Hex 4B1749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1749 }
```

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

```
.background{ background-color:#4B1749 }
```

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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